

1961

1961 Modulus

Rose-Hulman Institute of Technology

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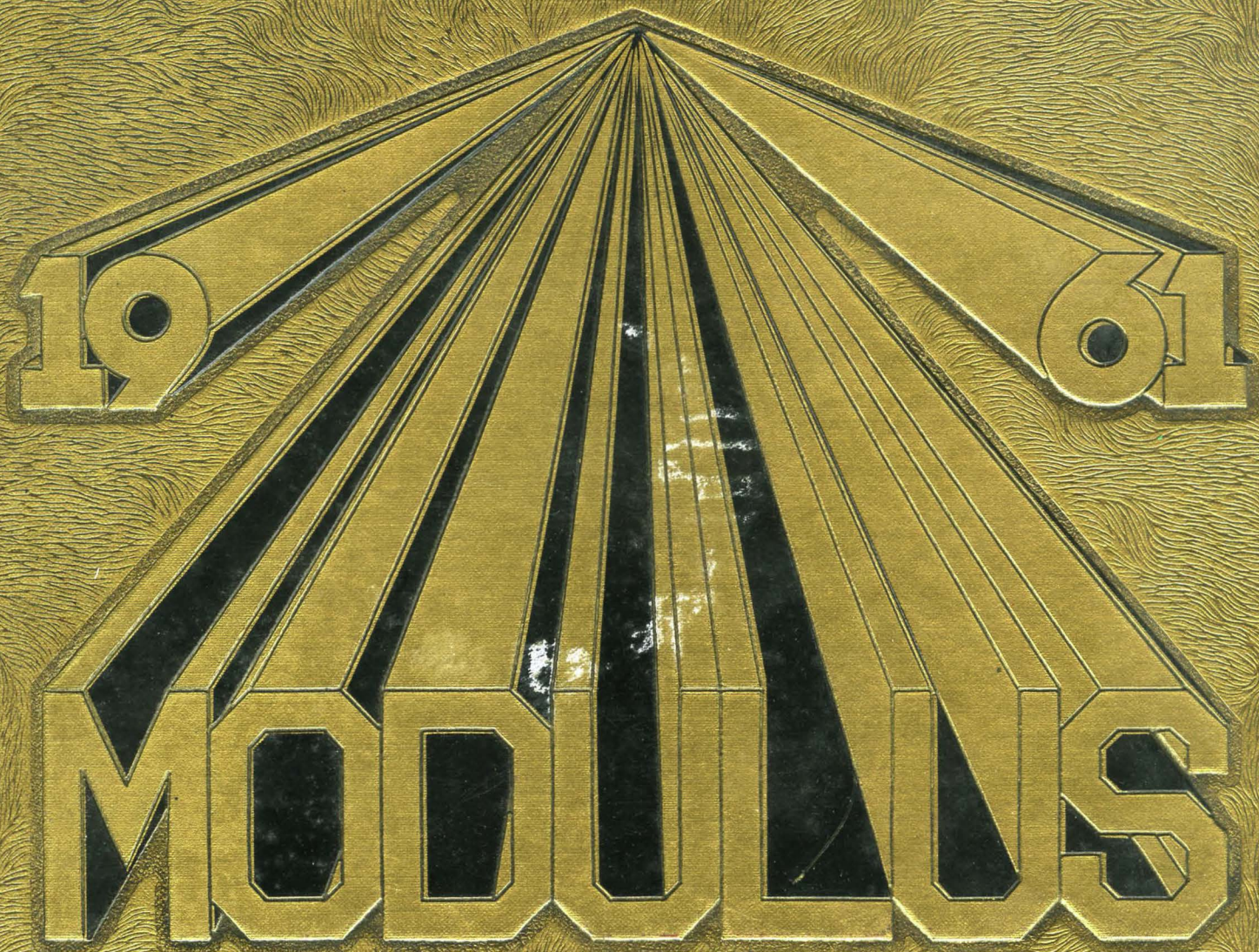
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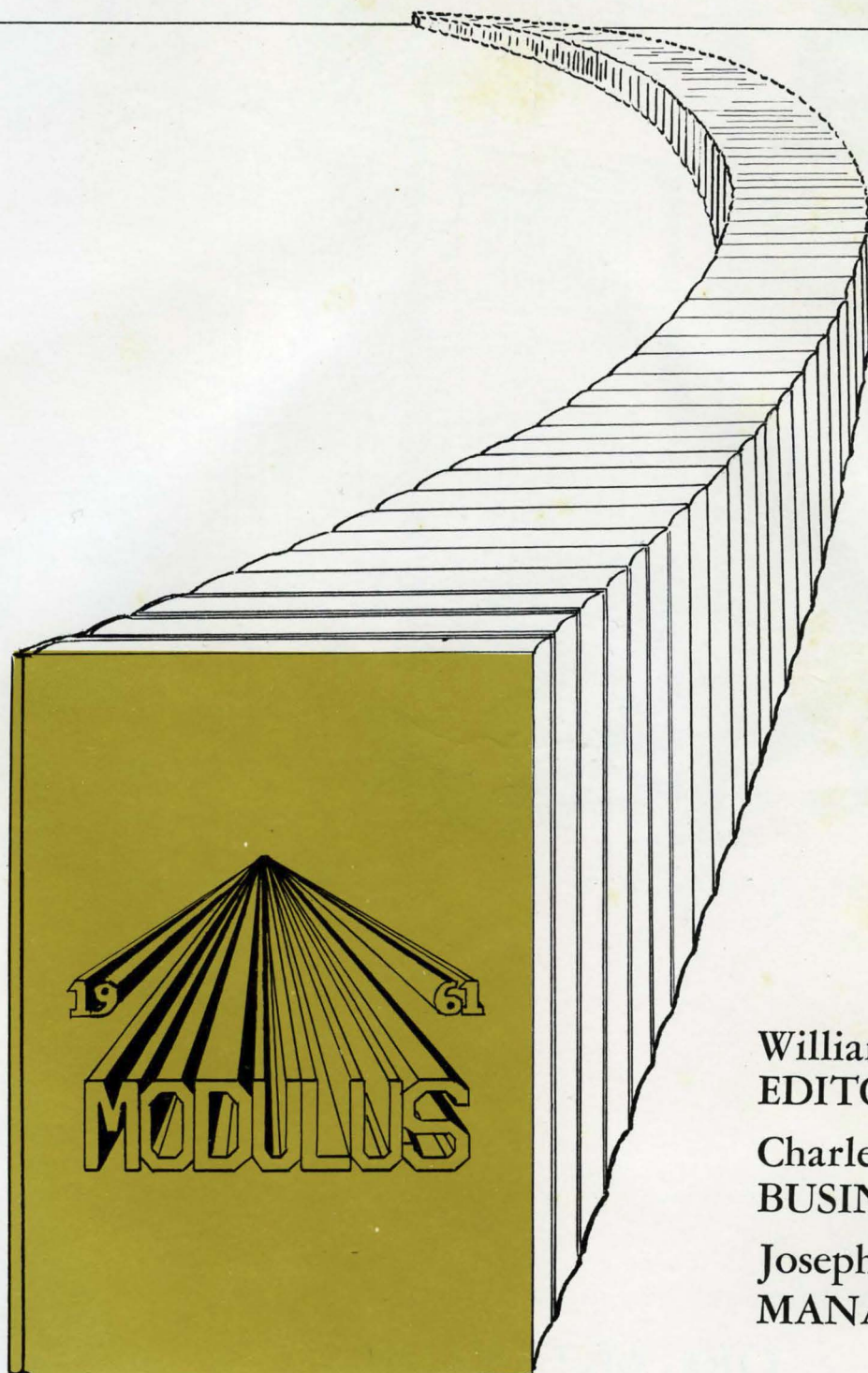
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50TH ANNIVERSARY



GOLDEN ANNIVERSARY EDITION



William A. Carter
EDITOR

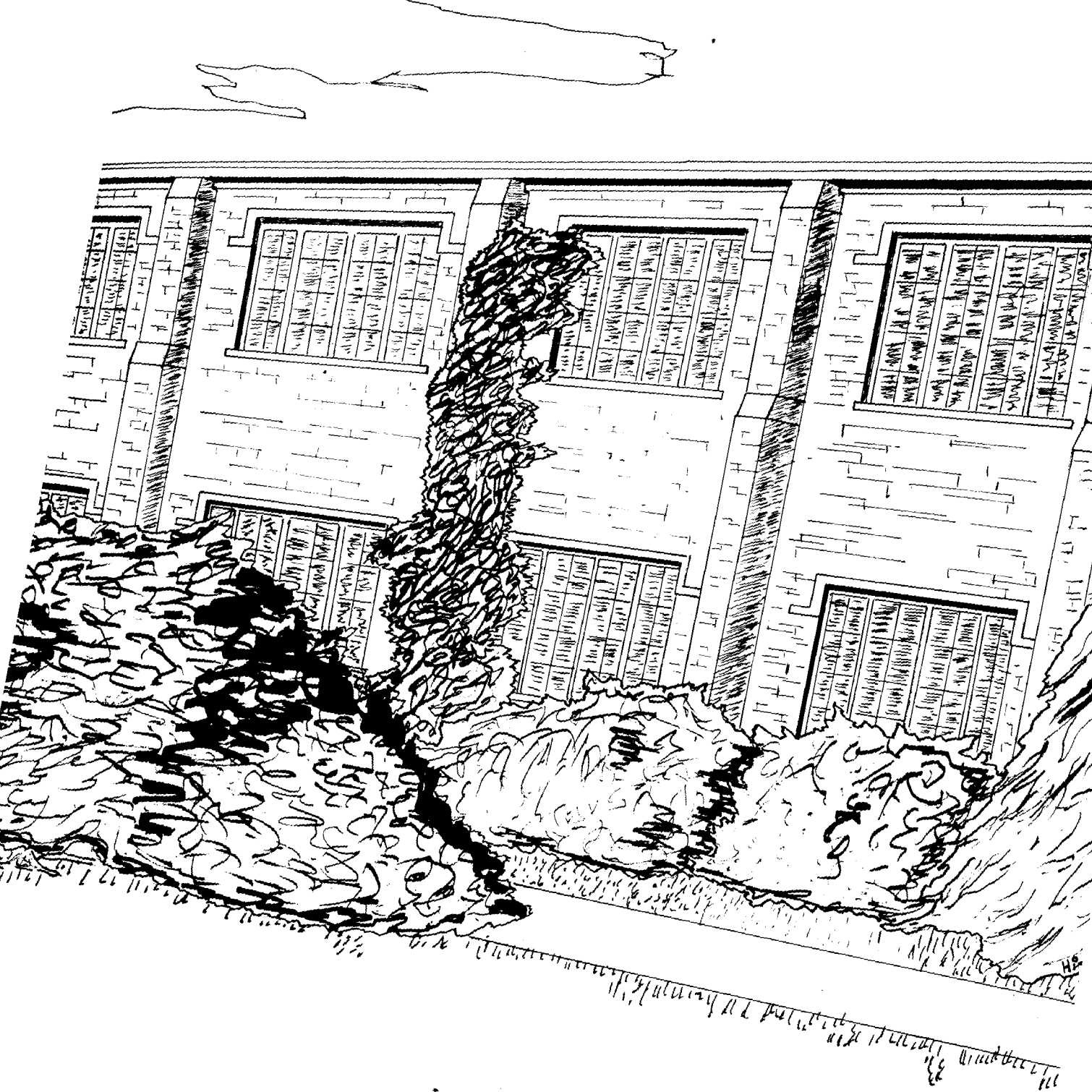
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ROSE POLYTECHNIC INSTITUTE
TERRE HAUTE, INDIANA



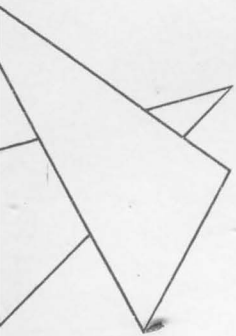
ORGANIZATIONS—38
FRATERNITIES—56
SPORTS—70



ACADEMICS-90
CLASSES-114
ADVERTISING-132



Baur Sames Bogart Hall



Student Center

Deming Hall





Administration Building

THE SCHOOL

The 125 acres of wooded hills provide a beautiful setting for Rose Polytechnic Institute. It is in these buildings that the Rose student spends four years receiving his education.

The administration building, appearing deceptively small from U.S. 40, encloses the four engineering departments, the three science departments, and the subsidiary departments necessary for the education of the well trained engineer.

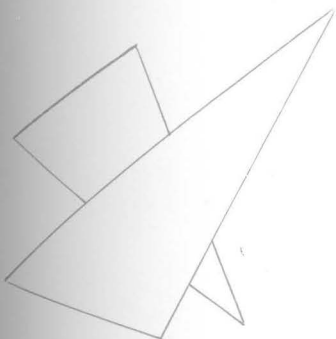
The student center is always a popular place for gathering in the off hours. Good food and the television set provide

the big drawing cards for the student center.

Always open to the student body, the field house gives the engineer a chance to keep his body, as well as his mind, fit. Through intramural activities he may participate in football, basketball, and baseball.

The two dormitories house approximately two hundred students with the remainder of the student body living in fraternity houses in Terre Haute. Both dormitories maintain an atmosphere of quiet and study in the rooms.

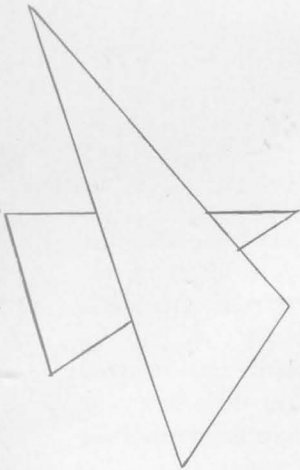
Field House



MOVING IN



A freshman's first view of his new home.

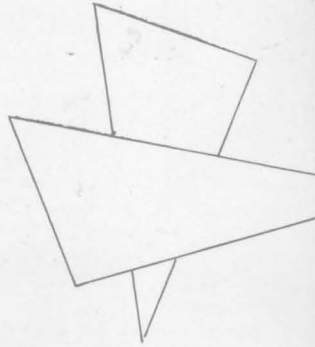


It's a big project just getting moved in.

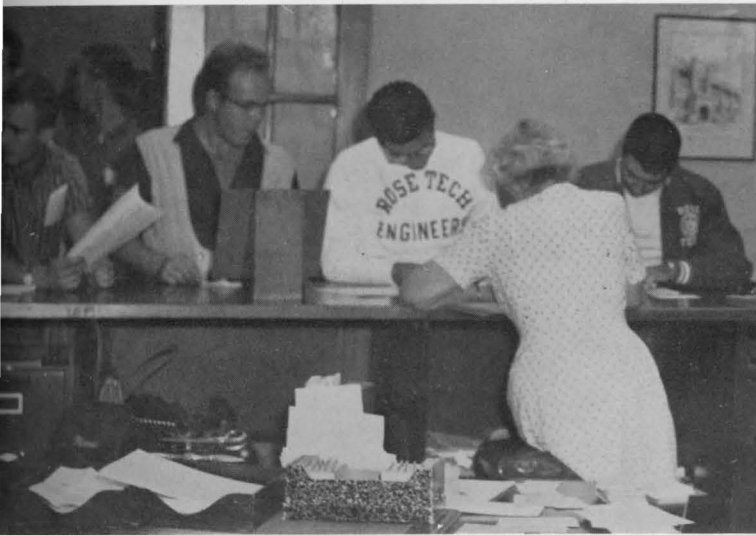
Father and son cooperation helps when it comes to carting the mountain of books to the dorm.



A freshman receives his nametag for Orientation Week.



Registration marks the end of another summer.



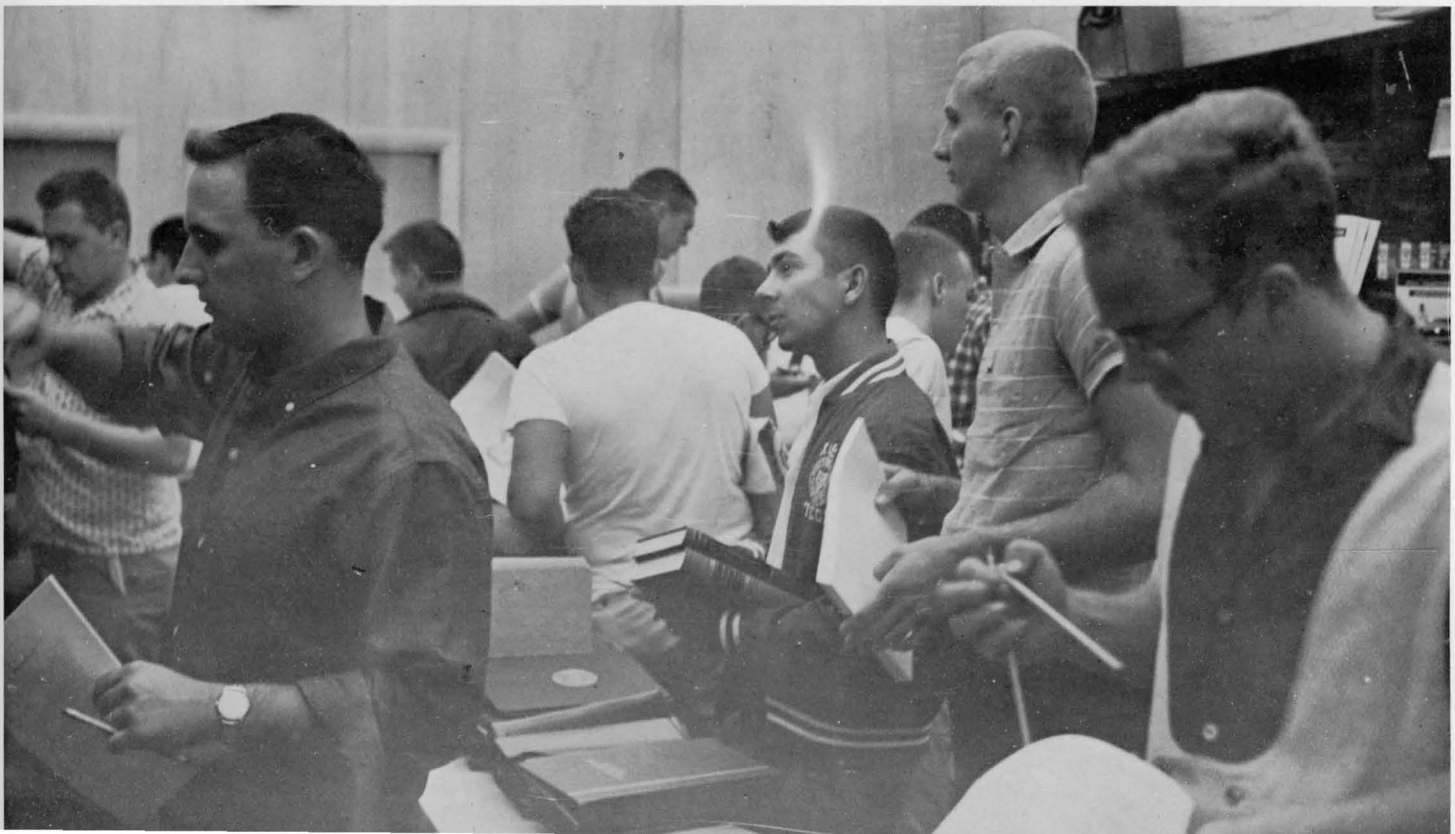
September 6, 1960, was the day that 171 aspiring freshmen began a week long orientation program to acquaint them with college life. Wednesday morning the session opened with a talk by Dean Herman Moench on "Science in the 1960's." A Rose graduate, Fred Garry, '51, then spoke on "The Importance of English to the Engineer."

The next three days the freshmen were busy with diagnostic tests, a class evaluation test over lectures in mathematics and English, physical examinations, and ROTC uniform fittings. Monday they took a tour of local industries and attended the annual Blue Key Smoker.

Monday the upperclassmen returned to campus and prepared for the fall semester. They hurriedly cleaned up apartments, straightened up fraternity houses, and met the freshmen in adjoining rooms in the dormitories.

The purpose of the orientation program is to help the freshman become accustomed to college life and to determine his level of ability in chemistry, English, and mathematics. Its fine success insures it a permanent place on the school calendar.

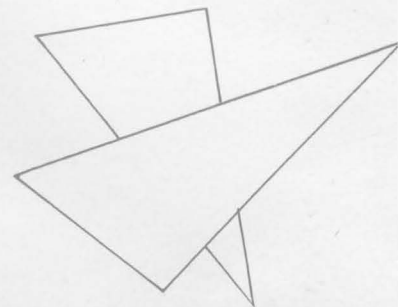
The bookstore does a land office business during the hectic week.



SCHOOL

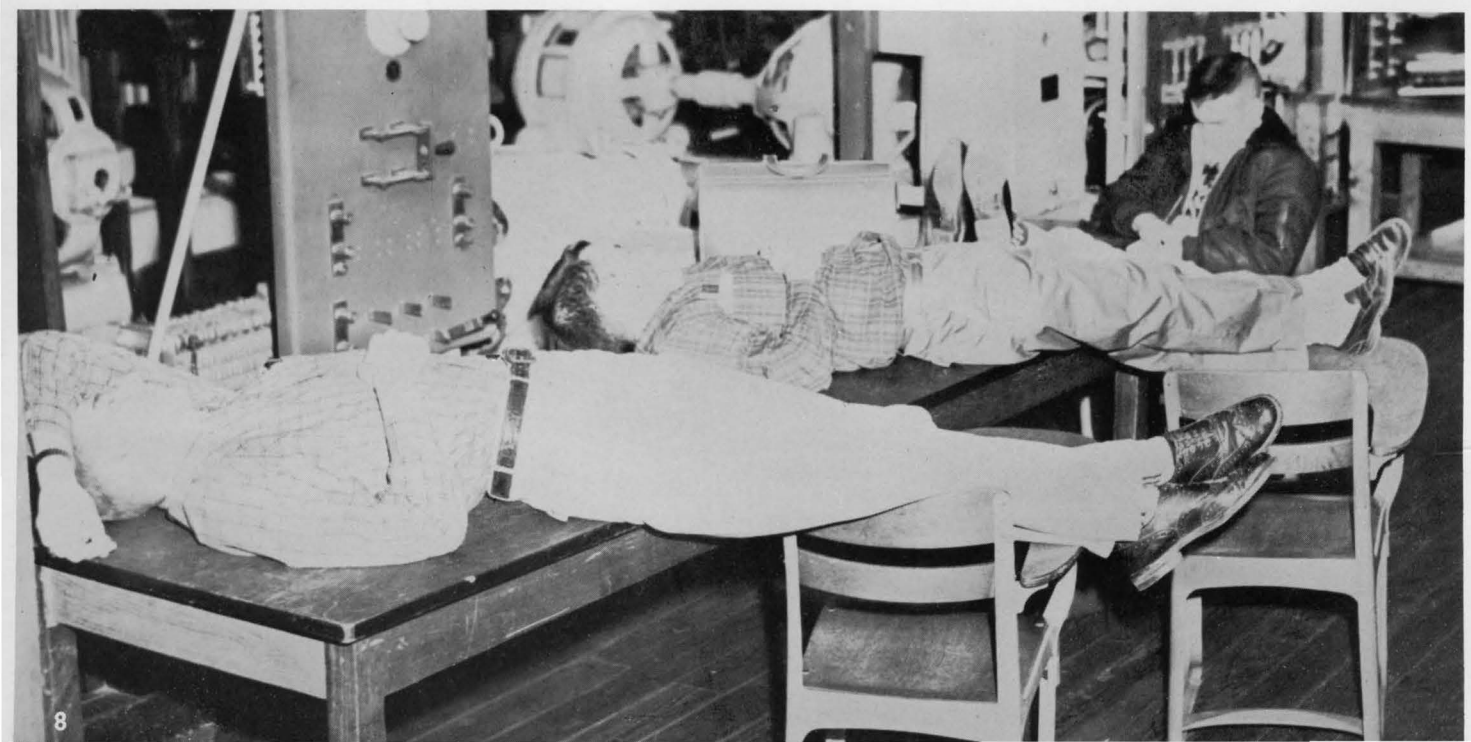


A quick double-check on next hour's homework is the order of the day around the lockers.



Pay checks are in!!

A lab group has to work together to do a lab right.



LIFE



Heads I win. Tails you lose.

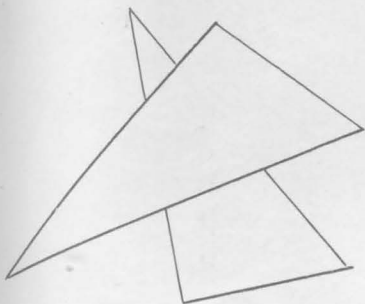
Education at Rose combines convenience with good facilities. All classrooms and laboratories are located within the main building, saving leg work and confusion. The remodeled book store efficiently and economically offers ample material for the needs of the Rose student. Offering increased availability, the library provides the vast technical background necessary for both faculty and students.

The new computer center is an important addition to Rose.

It gives students and faculty an introduction to the theory and practical applications of the computer on engineering problems. For those who wish to study computer programming in detail, facilities and instruction are available.

Convenience is the key to the arrangement of the bulletin boards, lockers, and mailboxes. Activity around these areas is great throughout the day.

St. Mary's girls lead the crowd in a rousing cheer. Some of the guys watched the game, too.





Sewing 101, two hours, no credits.

THE ROUTINE

Rose initiates the freshman to a whole new way of life. The problems and rigors of high school are suddenly dwarfed by the ones they must face in college.

The average week begins with many bleary-eyed men appearing for their "8 o'clocks." They have a long week ahead. The Rose student is taking courses designed for those who work, and work they must.

Lectures, labs, problem sessions, group efforts, and long

hours of personal study make up the daily routine. The days pass, punctuated by bull sessions and general let-off-steam activities, and finally the wonderful weekend arrives, a chance to relax. Their relaxation is short lived, though, for Monday's just around the corner with a renewal of the cycle. This way of life repeats for four years, and suddenly they realize that it was all worth while.

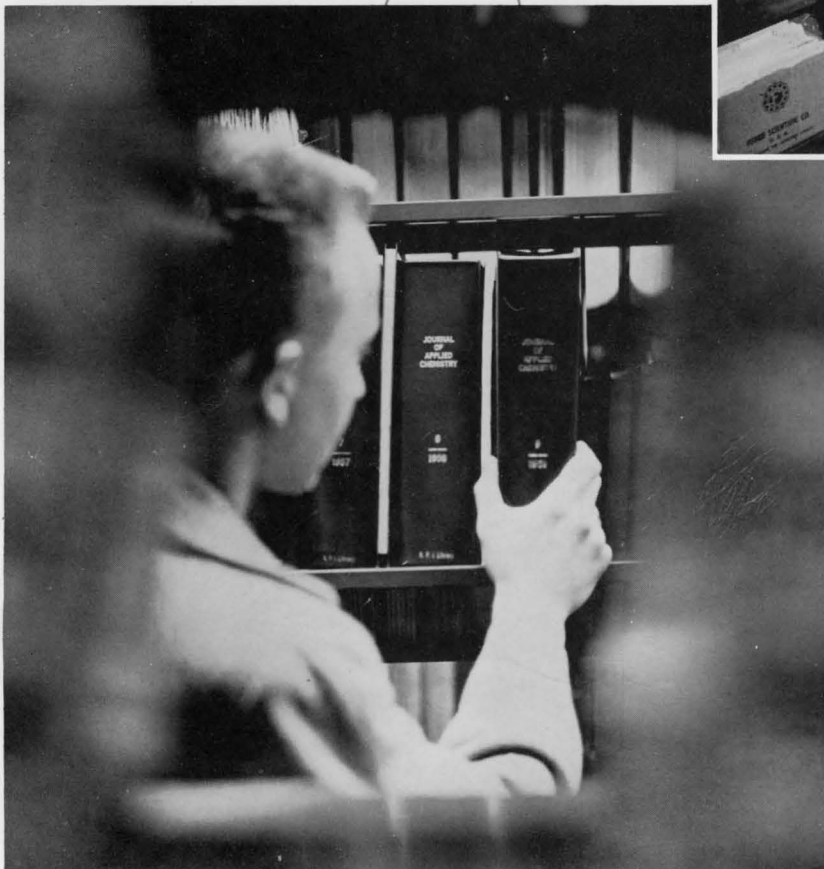
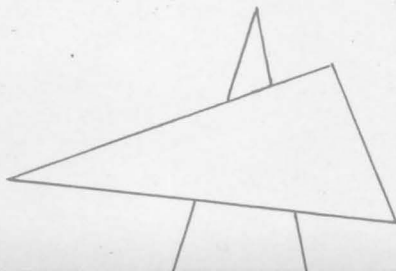
A typical discussion, producing a clearer understanding for all those who participate.



Sophomores organizing material for a lab report.



Instructors are always available to help with any student's problem.



Students take advantage of the modern and complete technical library to supplement class material.

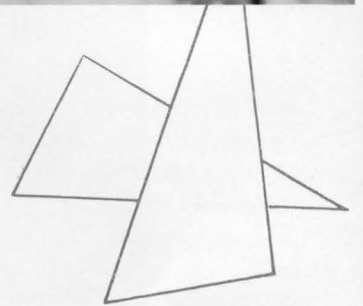
But, in the last analysis it is up to the student.





Singing to a packed auditorium, the Indiana State Madrigal Singers gave their usual excellent concert.

CONVOCATIONS



A "Rose Riot" feature—the singing of Rich Carter, Bob Carter Morris Cleverley, and Dick Landenburger.



Convocations give the students of Rose a chance to widen their horizons and relax from their studies. The choices of the convocation committee are wide and appeal to the different interests of each student.

Among the highlights of this year's convocation programs were Earl Spicer, ballad singer, who presented a very entertaining folk song act, and the Indianapolis Symphony Orchestra which played for a crowd of 1100 from Rose and the community. Dr. Robert Hermes gave an interesting lecture accompanying the film "Nova Scotia—Land of the Sea." The Young Presidents Organization held a panel discussion on how they rose in business circles. This organization requires that its members be under forty years of age and president of a company doing over one million dollars worth of business a year.

One convocation was unique in that it was the first convocation presented by a student at Rose. Dick Landenberger was selected to participate in a choral group which toured Europe last summer, and his camera was almost as busy as his vocal chords on the trip.

The high spots of the second semester included a concert presented by the Indiana University Symphony Orchestra and the drama CAROUSEL given by the DePauw Players. Raul Spivak, pianist, presented a fine convocation. The Oscar C. Schmidt Memorial Lecture featured Senator Barry Goldwater of Arizona.

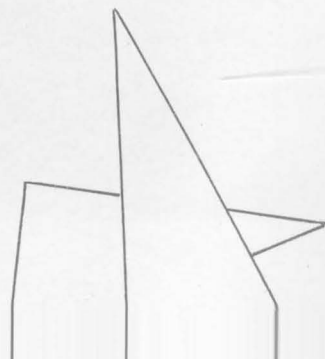


The Indianapolis Symphony Orchestra, conducted by Izler Solomon, finishes a superb performance.

Doing a little "Rose Riot" ad-libing are Jim Funk, Bob McCardle, and Don Niedringhaus.



Dr. Morgen welcomes the student body back for another year.





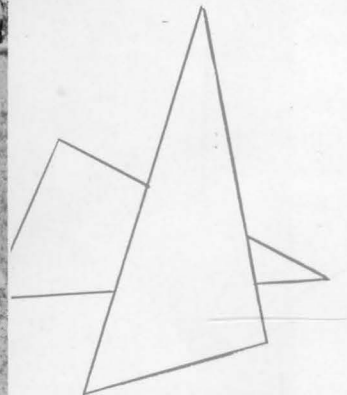
Lunch time gives everyone a chance to relax at the student center and "solve the problems of the world."



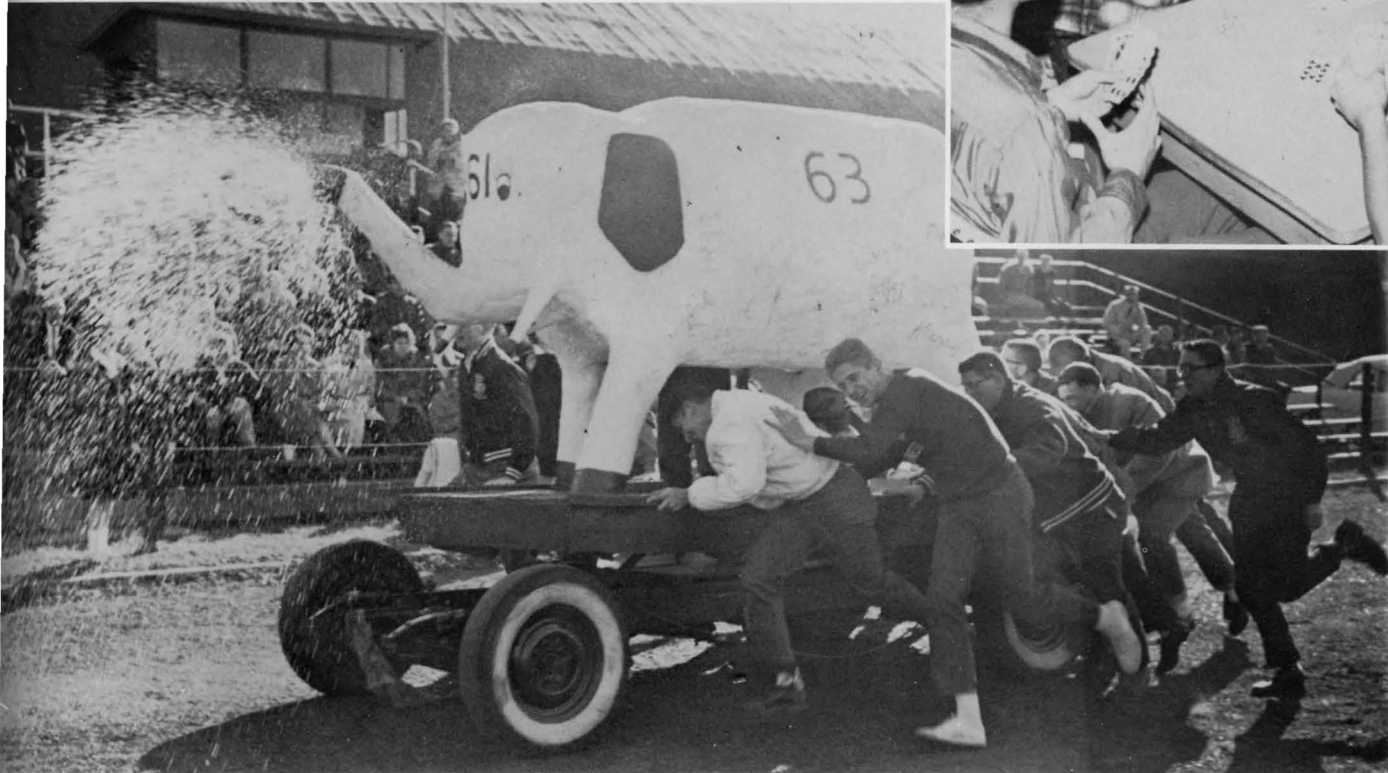
The well-trodden path to the classroom.

TIME OUT

Junior Cord Day—when the Juniors challenge the Seniors' exclusive right to wear cords.



Deming lounge is the scene of many hard-fought bridge games.



The freshmen push "Rosie," the school mascot, around the field after a Rose touchdown.

Even though time is limited, one can always find a little for relaxing. Facilities for ping-pong, pool, cards, and general bull sessions are provided by the student center and dormitories. Student organizations sponsor mixers, picnics, and even an occasional overnight plant trip. Perhaps the biggest attractions of all are the impromptu student activities such as Cord Day.

The Campus Club's Christmas Dance put everyone in a festive mood.



1960 GRADU



Bill Perkins, fourth man in Rose's history to graduate with a 4.00, accepts the Hemingway Medal from Dean Moench.



The graduation processional is a beginning and end for the graduating seniors.

Secretary of the Interior, Fred Seaton, delivered the graduation address.



ATION 1961

With all the dances, parties, and ballgames, the most important event of the year for the seniors is commencement. Graduation represents not only the obtaining of a degree from Rose, but also the acquiring of new and greater responsibilities.

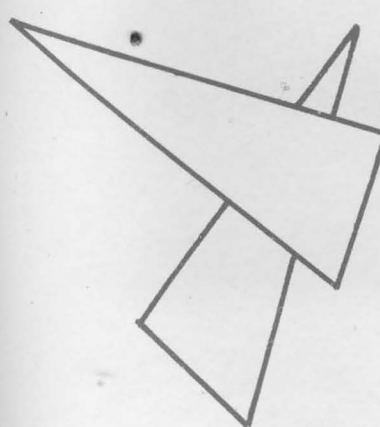
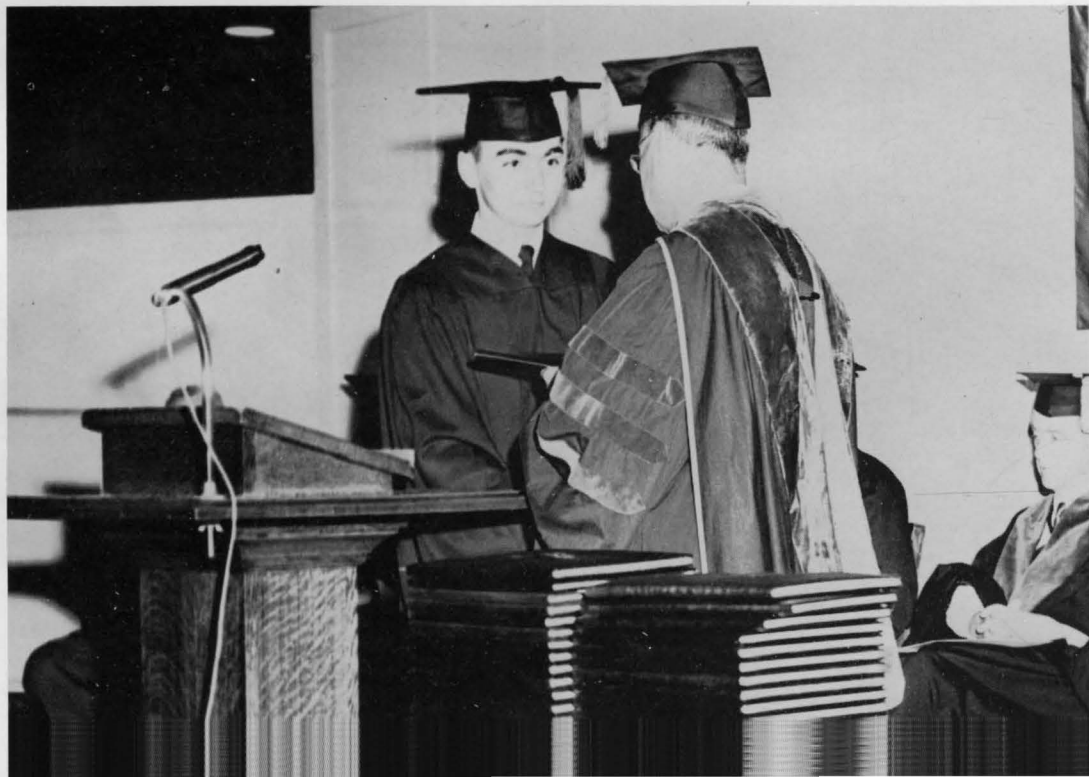
Throughout their years at Rose, the men have taken part in Homecoming, E-Day, and many more events. Each of these events, plus the everyday hard work, leads a Rose man to the culmination of his college career — graduation.

After graduation some students continue their studies in graduate school, and some fulfill their military obligation; but the majority will launch into industry. Always in the past, and we hope always in the future, the graduating class upholds the name of Rose, building and maintaining her reputation by their ability and integrity.



Solemn seniors lead the procession for the eighty-third commencement.

Dr. Morgen presented the seniors with their diplomas.



ROSE POLYTECHNIC INSTITUTE
TERRE HAUTE, INDIANA

OFFICE OF THE PRESIDENT



To the Class of 1961:

As you leave with your crisp new diplomas, Rose expects big things of you. You will start your life's work in a troubled United States. It is beset on all sides by difficult problems both international and domestic. It is just recovering from what has been called "a mild depression".

As engineering and science graduates, each of you has found that industry still needs more engineers and scientists. This year's class has received more than enough offers so that each one has an opportunity for a good start in industry if he so desires. However, with this offer of employment, industry has issued to its embryo engineers and scientists a challenge.

While the depression seems to be on the mend and production is on the increase in most industries, there is still no indication that the "profit squeeze" has been solved. The primary reason that industry is interested in more engineers and scientists is the desire to operate more efficiently in order to make more profits for the company. It expects the young engineer or scientist to put his newly acquired knowledge to work. Keep this goal ever in mind and you will be a success in the industrial world.

For those of you who are proceeding to graduate work, the challenge is a different one. You must not only learn what has been acquired by others but you will be expected to proceed to the frontiers where new knowledge is being found. On acquiring this new knowledge, you must use your imagination to foresee what improvements can be developed for the benefit of mankind. This is the highest service that an engineer or scientist can perform.

Your undergraduate education at Rose has given you the background so that you may proceed in either direction. The opportunities are there whichever path you choose. I am sure that no one in the Class of 1961 will let Rose down.

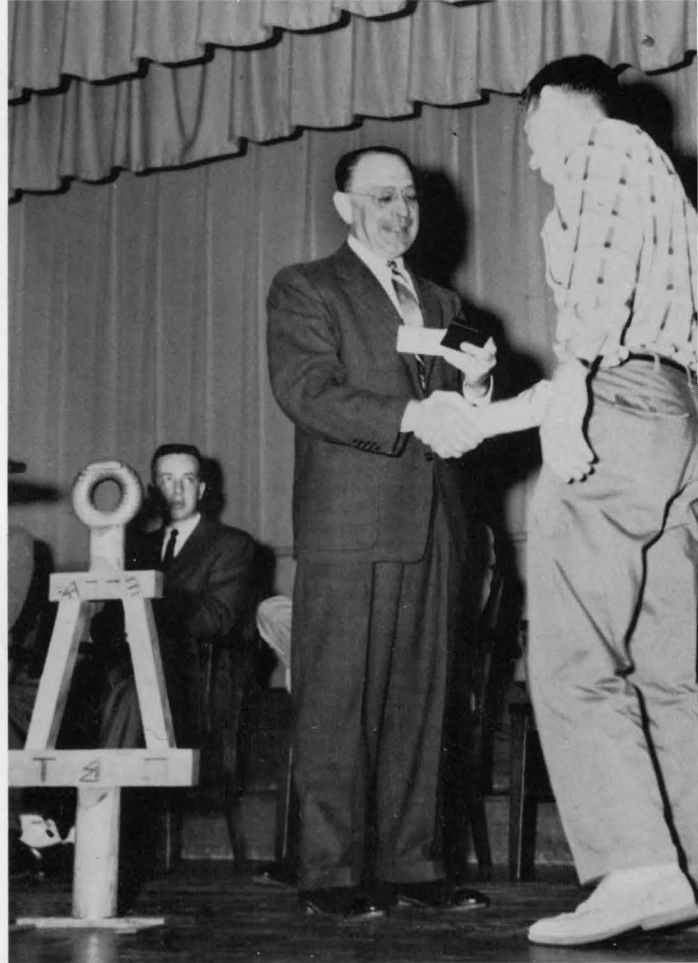
A handwritten signature in cursive script, reading "R. A. Morgen".

Ralph A. Morgen
President



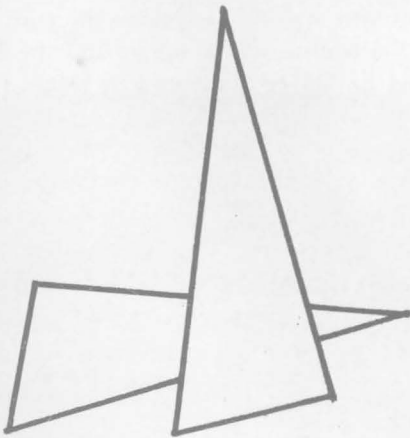
Dr. Morgen congratulates Dr. Dean Russell after a fine lecture on Constitutional Economics.

Billy Crynes accepts the freshman Hemingway Medal from Dr. Morgen at the annual Fall Honors Convocation.



DR. MORGEN

Good leadership is essential in guiding any organization. Dr. Ralph A. Morgen has injected new and dynamic ideas into the life at Rose. It is through the work and guidance of farsighted and hard working men that Rose will retain its high standing.



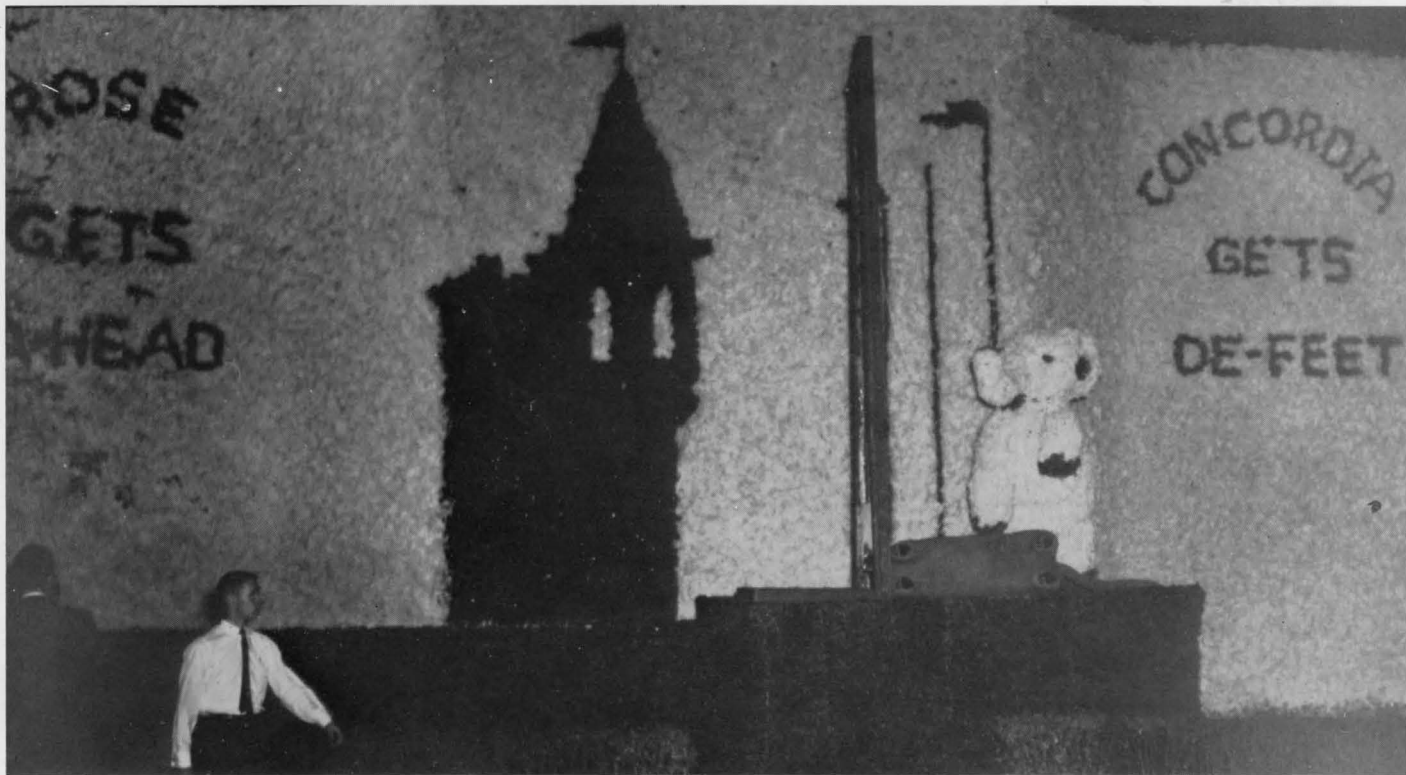
Dr. Morgen must spend many hours each week at his desk handling the affairs of the Institute.



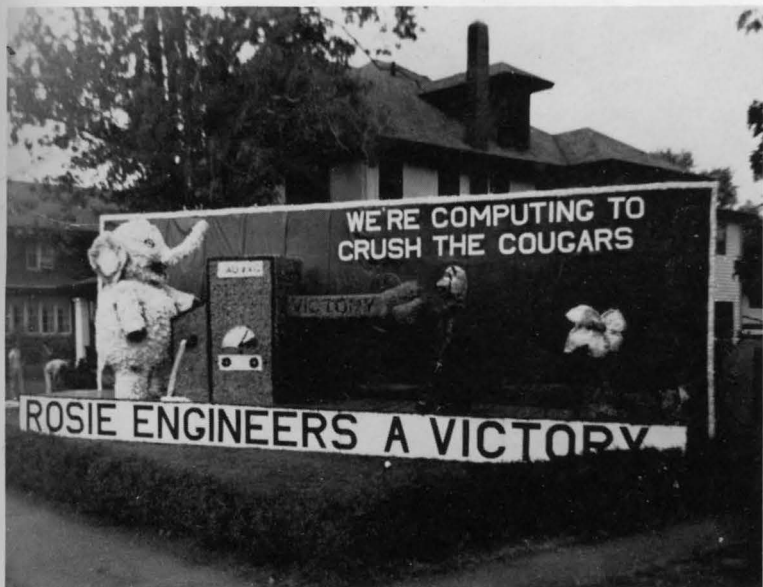


Freshmen get the bonfire off to a hot start.

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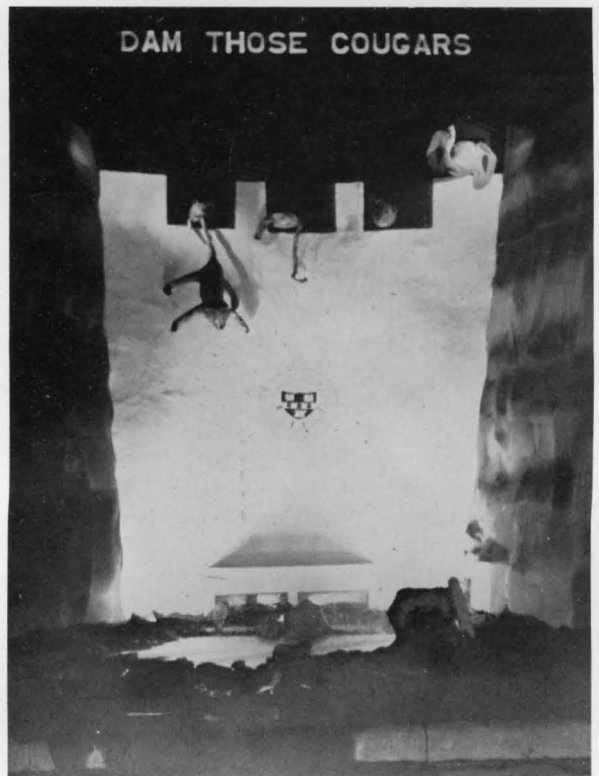


Lambda Chi Alpha's winning display . . . in close competition with

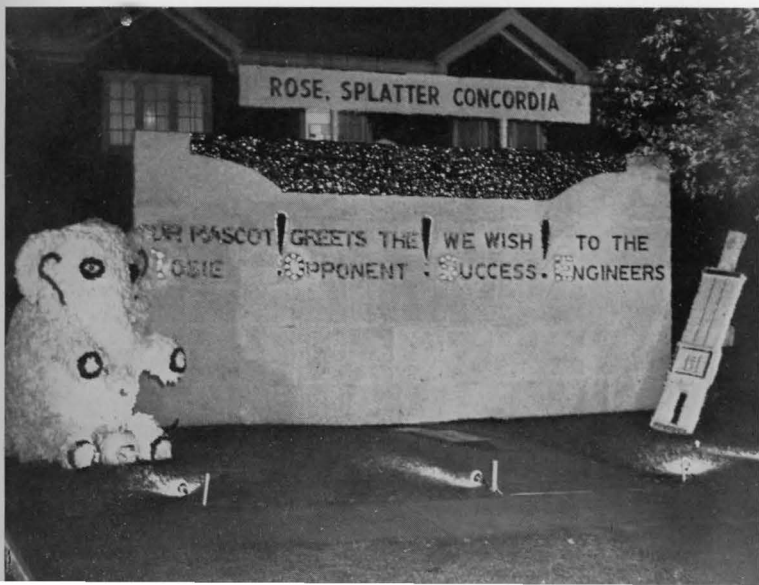


Alpha Tau Omega's digital computer

Theta Xi's hopeful wish



Sigma Nu's Mascot





The spirit of Homecoming wasn't enough as the Engineers lost a tough battle.

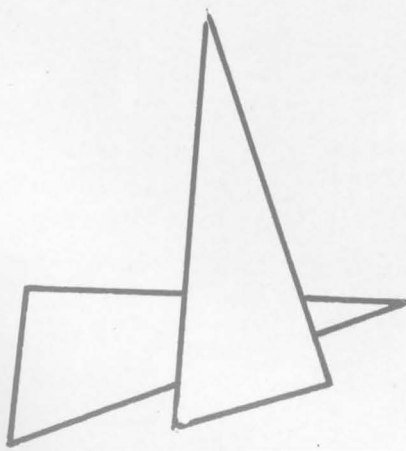
Saturday morning consisted of alumni registration and the regular alumni business meeting. The new Waters Computer Center was also dedicated at this time.

The afternoon saw the Rose Engineers take on the Concordia Cougars. Spirits were dampened a bit when Rose lost, but the Engineers put up a good battle throughout the game.

Following the football game, everyone departed for the Terre Haute house for a social hour and the Alumni Banquet. The Homecoming celebration was climaxed by the Homecoming Dance held in the Mayflower Room of the Terre Haute House.

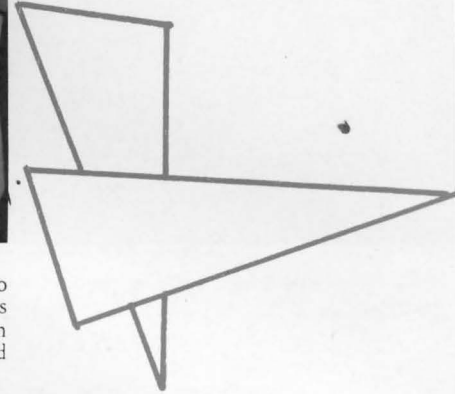
This was one of the most enjoyable Homecoming Dances ever held at Rose. The "Dixielanders" played superb dancing music which was thoroughly enjoyed by everyone. One of the highlights of the evening was the presentation of the award for the outstanding homecoming display. This year, although all fraternities had excellent displays, the award went to Lambda Chi Alpha.

At 1:00 A.M. Sunday morning the 77th Rose Homecoming was over. However, the memories of this homecoming will live for many years to come.





The Waters Computing Center has been a great addition to the Institute, permitting students to become familiar with the important field of computer programing. Dedication ceremonies were held on the Saturday morning of Homecoming. Those participating in the dedication are, from left to right: Dr. Criss; Professor Maudlin; Professor Palmer, director of the computer center; and Dr. Morgen.



After many weeks of hard work the Homecoming weekend culminates with Lambda Chi Alpha winning the Homecoming Display Contest.



HAZING

Hazing is one of the basic traditions at Rose. Hazing comes in all shapes and forms, at all levels of education, and on all parts of campus. Freshmen, however, receive the major portion of this harassing, starting promptly at the end of the orientation period.

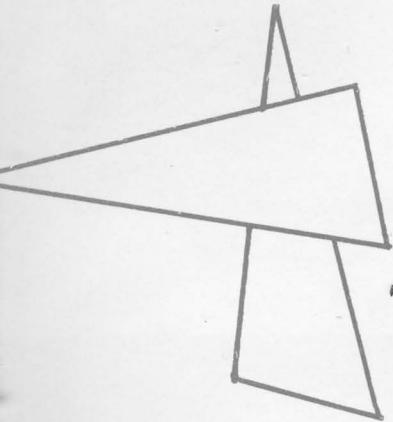
On the first day of school, the campus suddenly blooms with green. It's Beanies! After the first week most of these beanies have been shrunk, modified with scissors, and well decorated with shaving cream, tooth paste, paint, and other delicacies. Besides the beanies, the freshmen have other duties. Among these are preparing Rosie and displaying her at home football games, wearing garters, and lighting sophomore's cigarettes.

Hazing also applies to other underclassmen. For example, only seniors may wear cords.

Hazing is enjoyed by everyone as an integral part of small school life.



Even the administration building provides no refuge for the freshmen.



Freshmen and sophomores cool off in between classes with a good laking party.



"Pull those garters up, Frosh!"





Sophomores romp over the freshmen for their only victory of the afternoon.



The sophomores pulled hard, but not hard enough.

FRESHMEN VS. SOPHOMORES

The November day was cloudy and rain threatened when the sophomores once again met the freshmen for the annual Freshmen-Sophomore Games. Participation was excellent and the football game got off to a smashing, grinding start. The sophomores fought hard, but the freshmen squeezed through, winning by a point. However, in the basketball game the frosh received a crushing defeat and both sides eagerly prepared to settle the tie with a tug-of-war. Of the three games,

usually it is the most comical. This year was no exception; before either team could be declared winner, the rope parted three times, dumping all participants in the dust. Finally, after a great effort and with a new rope, the freshmen won the tug-of-war and, consequently, the games. These efforts were rewarded in that the few beanies that remained at this time would no longer have to be worn.

Freshmen edge the sophomores by one point.



ENGINEER'S DAY



Bill Barone demonstrates a measuring device to prospective students visiting Rose for E-Day.

Engineer's Day was again a huge success. The faculty and students of Rose turned out to meet over 400 guests from high schools throughout the state.

Following registration at 9:15 A.M. the guests were taken on guided tours throughout the main building. On these tours they were familiarized with the various aspects of engineering and science education. Along the way they witnessed such demonstrations as timber stressing and nuclear experiments.

At one point during the tours the guests gathered in the auditorium to hear about various aspects of Rose and engineering from Rose officials. After the conclusion of the tours the guests were served a luncheon in the Deming cafeteria and then invited to witness the Rose-Principia football game. This ended the program for the day.

This, the 8th Engineer's Day, proved to be fine publicity for Rose. It helped to orient the public toward Rose and engineering education as it is taught here. Blue Key, which undertook much of the effort of planning and guiding the program, is again to be congratulated.

John R. explains a phase of nuclear Physics.





Spectators find that not all of the displays are on the up and up.



Jim McClure demonstrates a milling machine.



Prospective freshmen get an insight into the many applications of Engineering Drawing.

Dick Cordill explains the Army Engineer Corps and its position in a Rose engineer's education.

The layman crowd observes an electromagnetic phenomenon.



MILITARY BALL

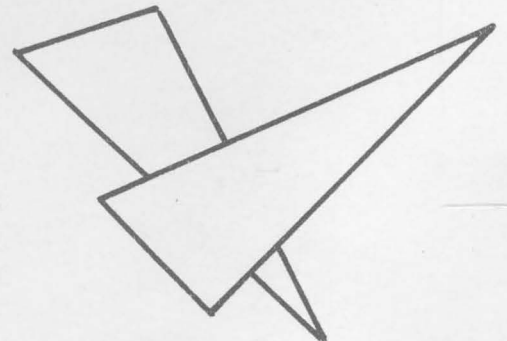
Each year the Society of American Military Engineers sponsors the Military Ball, one of the main social events at Rose. This year it was held in the Mayflower Room of the Terre Haute House, with the Monitors providing the music. During this formal dance the cadets, in full uniform, got a chance to show their alertness, under the admiring eyes of their dates, at the traditional O'Grady Drill. Following this, as the highlight of the dance, the new Honorary Cadet Colonel was announced. By a vote of those attending the dance, Miss Jani O'Rourke, a sophomore at St. Mary-of-the-Woods College, was chosen. To end the dance the Monitors were asked for the song "Stardust"—a pleasant close to a memorable evening.



Enjoyment was the



The seniors kept a close watch for errors as the underclassmen performed in the O'Grady Drill.





of the evening at the annual Military Ball as music filled the ballroom.

Congratulations for Joe Angel, winner of the O'Grady Drill.



Lovely Jani O'Rourke, new Honorary Cadet Colonel, is honored by Colonel Walker.



ST. PAT'S DANCE

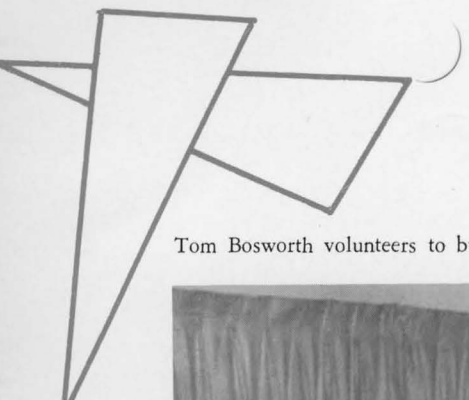


Blue Key members at the St. Pat's Dance take time out to compare beards.

It is a custom at many engineering schools to celebrate the birthday of St. Patrick. His act of driving all the snakes from Ireland is renowned as the greatest engineering feat of all time. Rose is certainly no exception to the rule, and each year a gala affair is held under the auspices of Blue Key.

The St. Pat's Dance at Rose was held on Saturday, March 18. Along with the traditional wearing of green and the Shamrock, Blue Key awarded prizes for the best and most unique growth in the yearly Beard Growing Contest. The judging and awarding of prizes is the highlight of the evening. The contest is open to all Rose students, and competition is keen each year.

This year's St. Pat's Dance was held in the Co-tillion Room of the Hotel Deming. Music by the Rick Sutherland Orchestra filled the air. Chaperoning the affair were Dr. and Mrs. O. Knudsen, Prof. and Mrs. R. Tinker, and Mr. and Mrs. G. Phipps. Honored guests for the evening were Dr. and Mrs. R. A. Morgen, Dean Moench, Prof. and Mrs. I. P. Hooper, Lt. Col. and Mrs. Walker, Mr. and Mrs. J. Matthews, and Mr. and Mrs. J. Carr. A thoroughly enjoyable evening was had by all.

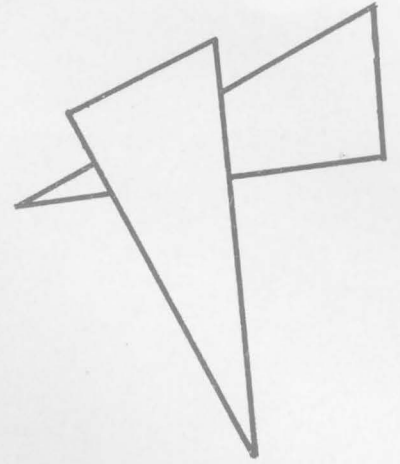


Tom Bosworth volunteers to buy a ticket to the St. Pat's Dance.





Brent Lower and Gib Robinson accept electric razors as prizes for "most unusual growth" and "full-est growth" from Ron Staggs, president of Blue Key.



Griff and Deb entered into the spirit of the music for a happy evening.



PARENTS' DAY



Registration desk, the starting place for Parents' Day.

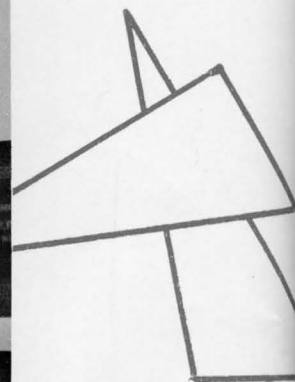
May 20 marked the day when the Rose Campus was visited by some 400 parents of the student body. Upon registration, they were handed a full schedule of events for the day. Following registration the parents had an opportunity to sit in on some classes and talk with individual instructors.

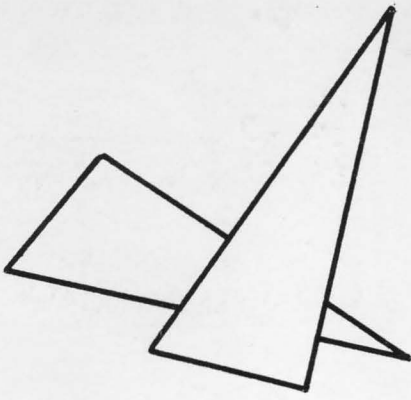
Later in the morning the parents gathered in the auditorium where they were spoken to briefly by Dr. Morgen and then entertained by the Rose Glee Club. Following the entertainment a Parents' Organization, consisting of four committees and elected heads was formed. It is soon expected that this organization will play an integral part in the activities at Rose. It has as its purpose the further orientation of parents with Rose and the overall advancement of Rose.

The Parents' Organization ended its meeting in time for a luncheon held in the Deming cafeteria. Following the luncheon there were open houses in the dormitories and several of the fraternity houses.

Parents' Day, 1961, as in the past, did a fine job of familiarizing the parents with the many phases of life at Rose.

A rare sight in the halls of Rose Polytechnic Institute.





The parents had an excellent opportunity to see the school in action on Parents' Day.



Classrooms were open for visitors during class periods, and many parents took advantage of it.



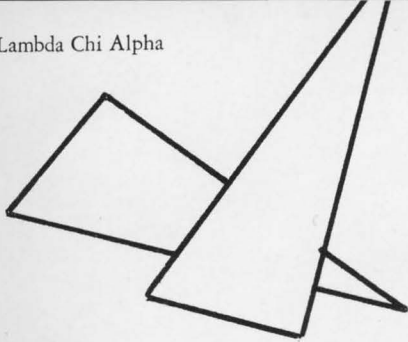
After the convocation parents were treated to a meal by the Institute.





Lambda Chi Alpha

Alpha Tau Omega



The Shrine Country Club was the scene of gay dancing and good singing for the I.F. Dance.



On May 20 the Interfraternity Council once again sponsored its annual social function, the Interfraternity Dance. The highlight of the evening was the I-F Sing, judged by Messrs. Eugene Esperson, Hilmer Jacobson, and Malcomb Scott. All four fraternities demonstrated their talents well, the singing plaque going, however, to Lambda Chi Alpha for their outstanding effort.

Decorations are furnished, in turn, over a four-year period by each fraternity. This system leads to some very clever and attractive dances. This year's dance, decorated by Lambda Chi, was done very nicely and appropriately.

Alpha Tau Omega, Sigma Nu, Theta Xi, and especially Lambda Chi are to be congratulated for their fine efforts in making this year's dance a success.

I.F. DANCE

Throughout the evening the dance floor was a whirl of pretty girls and handsome guys.



Sigma Nu

Theta Xi





The Playboy theme lent an air of carefreeness to the evening.

JUNIOR PROM

The Playboy rabbit was to be seen everywhere as the Junior Prom got into full swing. As the evening wore on, the at-

mosphere of enjoyment seemed to fill the room, and all agree that this was one of the best Proms in many years.



This year's Junior Prom was one of the best attended dances of the social season.

Dr. and Mrs. Meeks receive the door prize, a live Playboy rabbit, from Andy Hrezo, Junior Class president.



A warm summer's evening provided the background for one of the gayest dances of the year, the Commencement Dance.

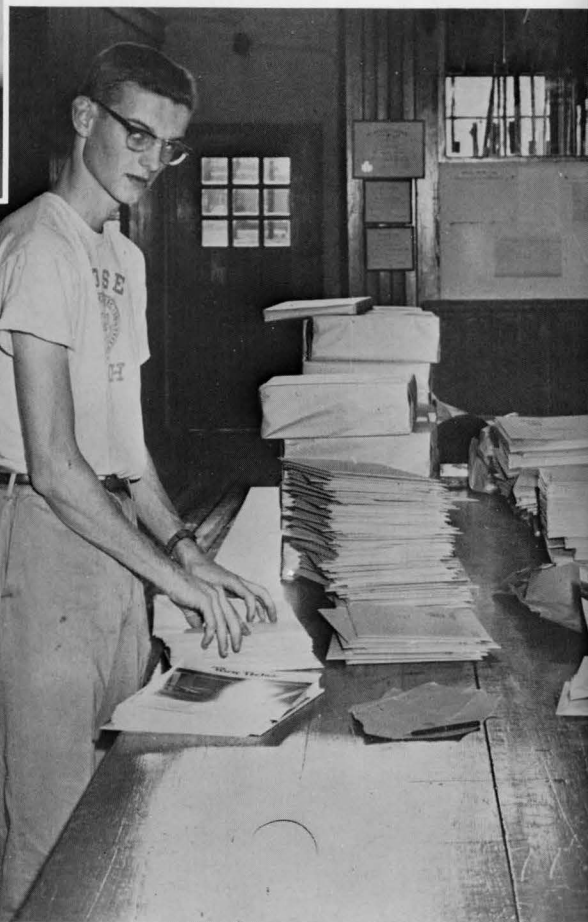
SENIOR WEEK

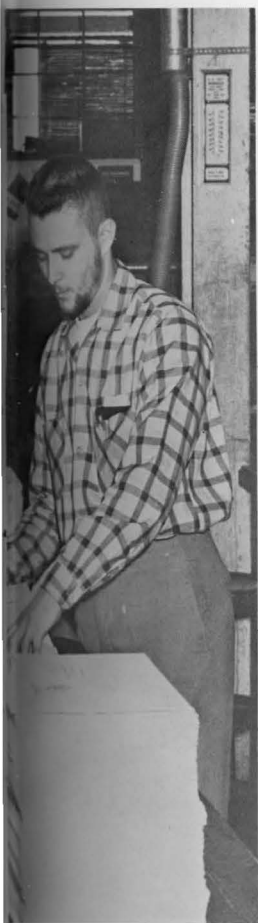
During the last week of the second semester seniors enjoy a short vacation interspersed with two gay social events. The Commencement Dance, given by the faculty in honor of the seniors, was held Thursday, June 8, in the auditorium. This year's dance was in keeping with all past traditions as happy seniors and perhaps equally happy professors talked and joked.

Friday afternoon found the seniors and their parents at a garden party given for them by the Institute. The weather wreaked havoc with man made plans as summer showers drove everyone into the student center. Spirits weren't dampened, though, as parents had an opportunity to meet and talk with the faculty members in an informal atmosphere.

The lemonade bowl was a center of activity at the garden party.







ORGANIZATIONS

In educating a modern engineer, merely presenting him with knowledge of his academic field is not enough. There must be a rounding out of his education. The many organizations at Rose offer a chance for the development of leadership and discipline to meet this end.

STUDENT COUNCIL



SEATED, left to right: Phil Chute, financial secretary; Joe Snyder, vice-president; Jim Funk, president; Andy Hrezo, secretary. STANDING, left to right: Jon Hunt; Bill Nicewanger; Max Goodwin; Joe Grumme; Tom Gallatin; Dick Mills; Jim Godwin; Larry Cunningham; John Rohr; Dick Schafer; Jerry Zinngabe.



The student council from the president's chair.

A vital organization in the life of a Rose Student is the Student Council. It is composed of three representatives elected by each class, the four class presidents, a financial secretary and a recording secretary. The purpose of this organization is to voice student opinion in the most effective way. The Student Council acts according to its constitution in studying problems brought before it and in recommending action to be taken. The regulation of Sophomore-Freshman hazing is an example of issues brought before the Student Council. However, the main purpose of the Student Council is still the making of the financial apportionments to school organizations, thus maintaining student control.

BLUE KEY

Rose is the host to a chapter of the Blue Key National Honor Fraternity. This fraternity encourages the students to develop leadership, character, scholarship, and good school spirit, and gives recognition to those who attain these qualities. Each year, the juniors and seniors showing such characteristics are given a chance to prove their ability during a period of pledgship, leading to a lifetime membership. This helps to prepare them for their life in the "outside world" both before and after graduation. Blue Key also does a good job in sponsoring and supervising such activities as Homecoming, Engineer's Day, Parents' Day, and the St. Pat's Dance, contributing greatly to the enjoyment and benefit of the whole school.

Ron Staggs leads the discussion during a banquet meeting.



FRONT ROW, left to right: Bob Checkley; Don Dekker, alumni secretary; Jim Godwin; Charles Smith; Jon Stiles; Allen Jannasch; Vern Fellows; Dave Trueb; Dean Powell. BACK ROW, left to right: Jim Funk, publicity director; Russ Archer; Steve Ban; Dick Landenberger; T. C. Copeland; Bill Carter; Bill Yochum, vice-president; Ron Staggs, president; Marshall Garino, corresponding secretary; Bill Fenoglio; Dale Oexmann.





TAU BETA PI

Tau Beta Pi, a national honor society, has a chapter on the Rose campus. Each student in Tau Beta Pi has demonstrated outstanding scholarship, integrity, character, and the qualities of leadership. The members of Tau Beta Pi demonstrate the qualities which each member of the student body should try to attain. The Bent of Tau Beta Pi, an oversize cast emblem of this fraternity, was placed in the center of Rose's campus so that it would serve as a constant reminder of these qualities.

The Tau Beta Pi pledge test is a real trial of minds.

FRONT ROW, left to right: Jim Funk; Don Dekker, recording secretary; Charles Smith, treasurer; Bob Checkley, corresponding secretary; Jon Stiles, Al Story; Gale Hurst. BACK ROW, left to right: Russ Archer, president; Steve Ban; John Walden; Jim Gates; Jerry Badger; Fred Terry; Dale Oexmann.



CAMPUS CLUB

Each man who lives on the Rose campus is eligible to join the Campus Club. The Campus Club is the governing body and the coordinator of student activities for those students who live on campus. Its main function is to provide the recreation and social activity so essential to college life. Indoor recreational facilities such as a pool table and ping-pong tables are provided by the Campus Club. Various vending machines throughout the dorms are also provided.

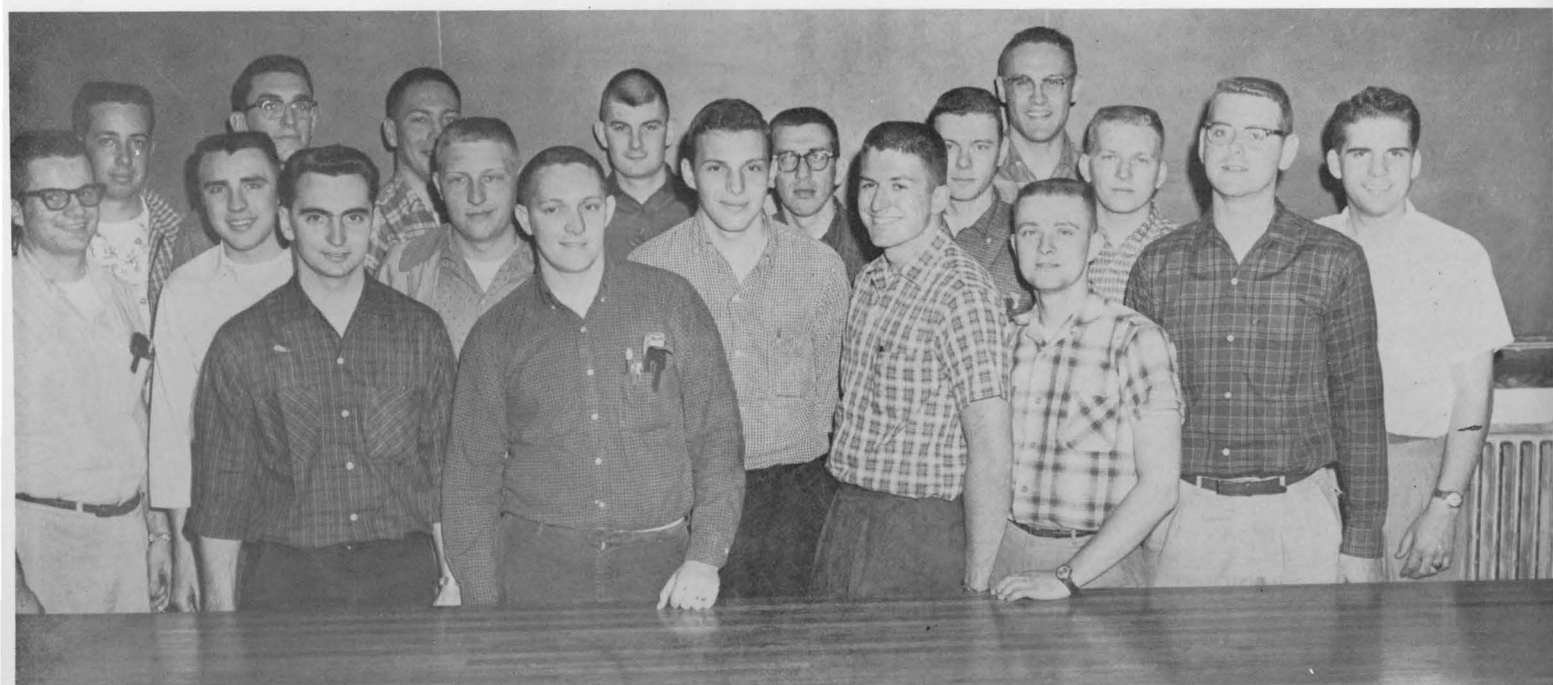
Throughout the year, a number of mixers and date functions are arranged with the various other colleges around Terre Haute. During the past two years, the Campus Club has set up a radio station which re-broadcasts one of the city's FM radio stations. The Campus Club in general tries to fulfill the social and recreational needs of campus life.



SEATED, left to right: Don Todd, vice-president; Professor Ralph M. Ross, Director of Dormitories; Bill Brown, president. STANDING: Gregg Bolt, treasurer; John Portlock, secretary.

The Campus Club mixers were highlights of the winter season for dormitory men.





HONOR MEN

Left to right: Rice; Staggs; Fellows; Chute; Smith; Andel; Gilbert; Kingery; Raquet; Fenoglio; Godwin; Dekker; Garino; Stiles; Munro; Washburn; Carter; Breece.

HONOR MEN

The men of Rose who have been recognized as outstanding in extracurricular activities and presented with an honor key are members of the Honor Men. To be awarded an honor key a student must earn 30 honor points during a scholastic year or 60 during his four years. Honor men deserve commendation for the giving of their time and effort to the various school organizations. Their spirit and attitude is one which all students should strive to attain.

GLEE CLUB

The Rose Polytechnic Institute Glee Club has been in rare form this year. One reason for their excellence can be attributed to the addition of many new enthusiastic freshmen. Another and perhaps better reason is that Mr. Wendel Kumlien is the new director of the Club. Throughout the year the Club's distinctive bright red blazers mark these singing men of Rose as the Glee Club members travel to sing for various schools and organizations in the surrounding area.

GLEE CLUB

FRONT ROW, left to right: Dring; Leonard; Richard Carter; Rennels; Toole; Warnke; Sabla. SECOND ROW, left to right: Rice; Bob Carter; Dave Morgan; Brda; Breece; Landenberger; MacDonald. THIRD ROW, left to right: Riley; Spurgeon; Snyder; Heit; Daugherty; Cripe; Shaffer.





CAMERA CLUB
 Left to right: Oexmann; Kira; Burrall; Valbert; Epler; Breece; Holland.

CAMERA CLUB

The Camera Club, which operates out of their quarters just north of the library, is a very active organization on campus. The club is partially supported by the MODULUS and TECH-NIC and in return provides many of their pictures. Members faithfully photograph all events throughout the school year from orientation to graduation, often giving their time and dry clothes in order to cover such functions as laking parties. The Camera Club, however, is certainly not all work and no play. Members have the use of Club equipment and often take full advantage of this privilege.

R-MEN

One of the worthwhile organizations on campus is the R-Men's organization. This organization was founded at Rose in 1938 with the purpose of promoting athletics and good sportsmanship. It is one of the ways Rose can pay tribute to her lettermen.

Membership is limited to men who have won varsity letters in football, basketball, baseball, or track. In keeping with their purpose, the R-Men operate concession stands at athletic events on campus. The money that is earned in this manner is used to help buy letter jackets, movie film for the Athletic Department, and other useful articles to improve athletic facilities at Rose.

R-MEN





RIFLE CLUB

FRONT ROW, left to right: Al Story; Larry Anderson; John Snipes. BACK ROW, left to right: Rod Bogue; Sgt. Helgemo; Jim Dunn.

RIFLE CLUB

One of the most popular organizations on campus is the Rifle Club. Founded in 1924, it has the purpose of promoting small-bore rifle practice among students.

Membership is open to all students, and matches are fired from October 1st to March 1st. During this season the club, which is affiliated with the R.O.T.C. program, enters an R.O.T.C. and varsity team in intercollegiate postal matches. Included in their ambitious schedule is participation in such special matches as the National Hearst Match, the American Society of Military Engineers Match, and the Fifth Army Match.

The rifle team this year had a fine season of 20 wins and 6 losses. They are also very proud of Rodney Bogue, a team member, who placed fourth in the nation in the Society of American Military Engineers intercollegiate meet. With the entire team returning, the club looks toward a bright future.



RADIO CLUB

The Rose Radio Club was founded in 1923 and secured a permit to broadcast in 1927. In 1934 the present call letters of the station, W9NAA, were assigned. Under these call letters the Rose "hams" have made contact with many other "hams" throughout the world.

The club membership is open to all interested students and has as its purpose to further interest in the radio field as a hobby. The club meetings include talks and demonstrations on station operation, code practice, radio set construction and repair, operation of the school's television receivers, and experimental work with club equipment.

The club should be commended for its fine work in setting up a radio station and for providing entertainment and educational facilities for the benefit of the student body.



CHEMISTRY CLUB

Left to right: Lynn Roberts; Lindley Ruddick; Bill Crynes; George Holland; Gary Heidt; Bill Allard; John Hobbs; Mike Hmurovich; Clyde Metz; Charles McCoy; Marlan Hildenbrand; John Olinger.

MATH CLUB

Left to right: Larry Hartley; Bob McClung; Steve Burton; Bill Brown; Bill Randolph; John Tindall; Ron Ireland; James Coffenberry; Jack Schreiner; John White; Al Story; Professor Al Schmidt.

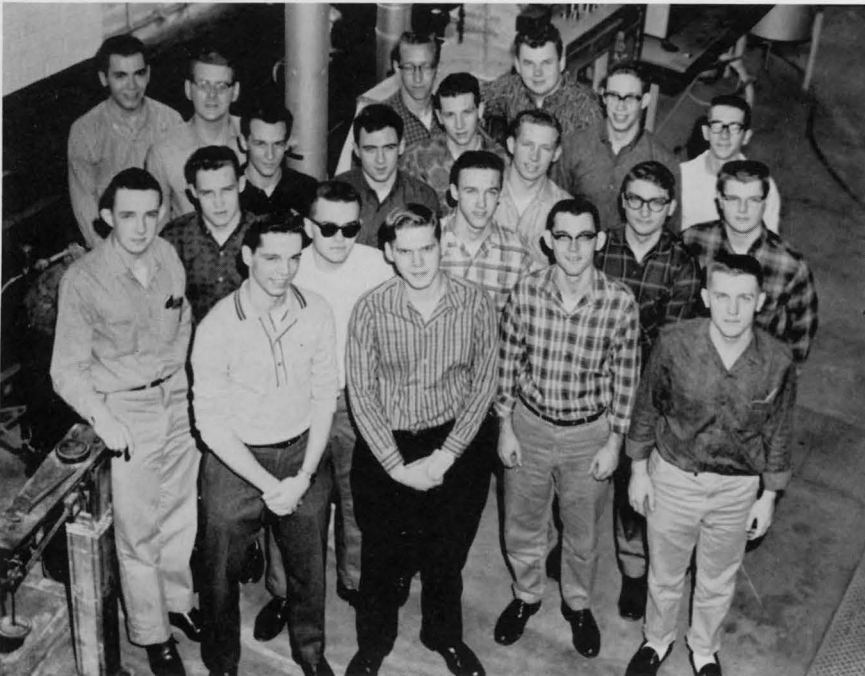


SOCIETIES

On the Rose campus the students of the four engineering fields are indeed fortunate to have student chapters of each of the respective professional societies. Those represented at Rose are the American Society of Civil Engineers, the American Society of Mechanical Engineers, the American Institute of Chemical Engineers, the Institute of Radio Engineers, the American Institute of Electrical Engineers and the Society of American Military Engineers.

The main purpose of the societies to the student body and

the student individually is that of encouraging professional development. This is of immense importance and it is overlooked quite frequently during the student's undergraduate years. The societies provide contacts with those already in the particular profession, and also provide a technical magazine containing articles on the latest technical advancements. The student upon graduation is able to join the professional society and readily assume his responsibilities in his chosen field.

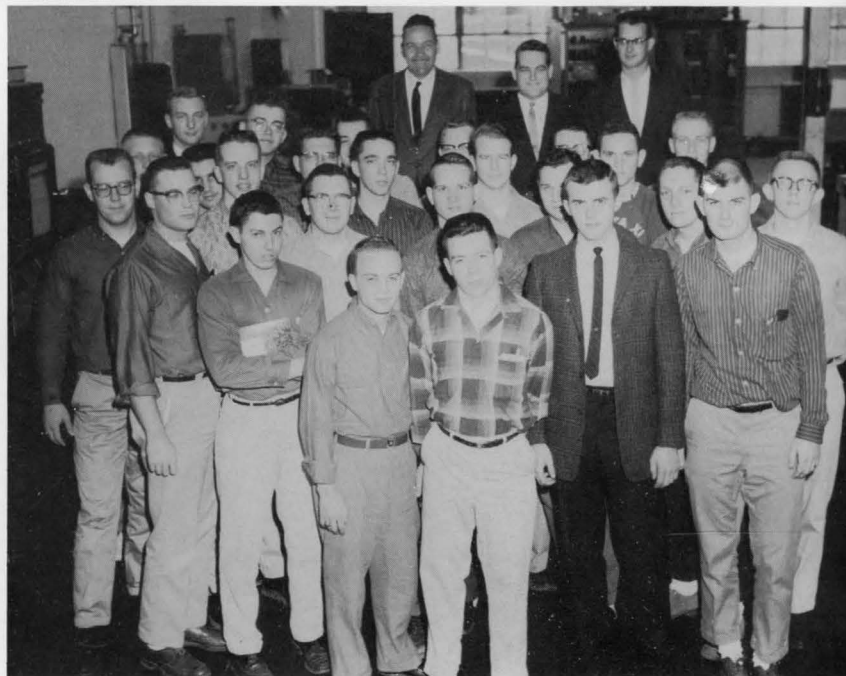


A.I.Ch.E.

Left to right: Dick Moench; Steve Skersick; Bill Carter; Dale French; Don Lanning; Greg Mitton; Don Niedringhaus; Lynn Roberts; Ray Clark; Dick Esker; Gary Reynolds; Jim Summers; John Olinger; Bob Steder; Ron Andis; Dave Starnes; Charles McCoy; Dean Powell; Jerry Gregg; Don Augenstein.

A.I.E.E.—I.R.E.

Left to right: Jack Gilmour; Chuck Gilbert; Don Robinson; Vern Gross; Max White; Chuck Huppert; Allen Janasch; Rod Bogue; Jim Malone; Dick Schafer; John Walden; Bob Stevens; Ron Klinect; Bob Michael; Phil Ballantyne; Fred Terry; Tom Rose; Bob Brown; Rod Herrick; Gale Hurst; Dave Reece; Dan Kingery; Jerry Hahn; Allen Raquet.



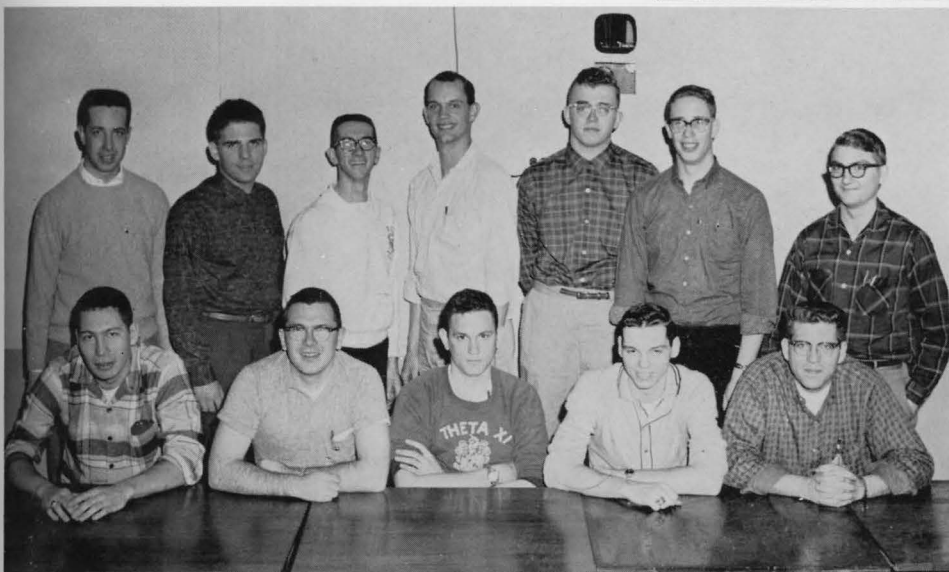


A.S.C.E.

FRONT ROW, left to right: Bill Randolph; Scott Herrin; Bob Pesavento; Vick Risch; Robert Carter; Jerry Nickerson. SECOND ROW, left to right: Bill Steele; Bob Turkey; Tom Hormuth; Joe Anel; Jim Godwin; Brent Robertson; Bill Yochum; Max Hinshaw; Jeff Lew; Don Hurst. BACK ROW, left to right: Larry Cunningham; Steve Kern; Rich Carter; Charles Rose; Ross Dring; Lee Brda; Morris Cleverley.

A.S.M.E.

Left to right: Fred Wright; Tom Gallatin; George McLellan; Bill McGivern; Meador Hill; Bob Ransford; Jack Bott; Ed Ayers; Bill Fenoglio; Dick Pike; Carl Milbachler; Ned Hannum; Don Dekker; Jon Stiles; Dave Bohler; Paul Sabla; Steve Ban; Jim Funk; Tom Bedwell; Ron Roberts; Dick Landenberger; Greg Vargo; Fred Morgan; John Reed; Jack Munro; Andy Hrezo.



S.A.M.E.

FRONT ROW, left to right: Joe Anel; Dick Schafer; David Reece; Don Lanning; Jim Malone. BACK ROW, left to right: Ron Staggs; Andy Breece; Jerry Gregg; Jay Hirt; Rod Bogue; Dave Starnes; Charles McCoy.

MODULUS

The first MODULUS appeared in 1892, full of material interesting to students and faculty of the Institute. Since that time, the MODULUS has continued in this role of giving a realistic picture of college life and providing a tangible record of events which occur during our college education. May the MODULUS continue to record the activities of life at Rose and remain the treasure of memories it has been in the past.



William A. Carter, Jr.
Editor



Charles W. Smith
Business Manager

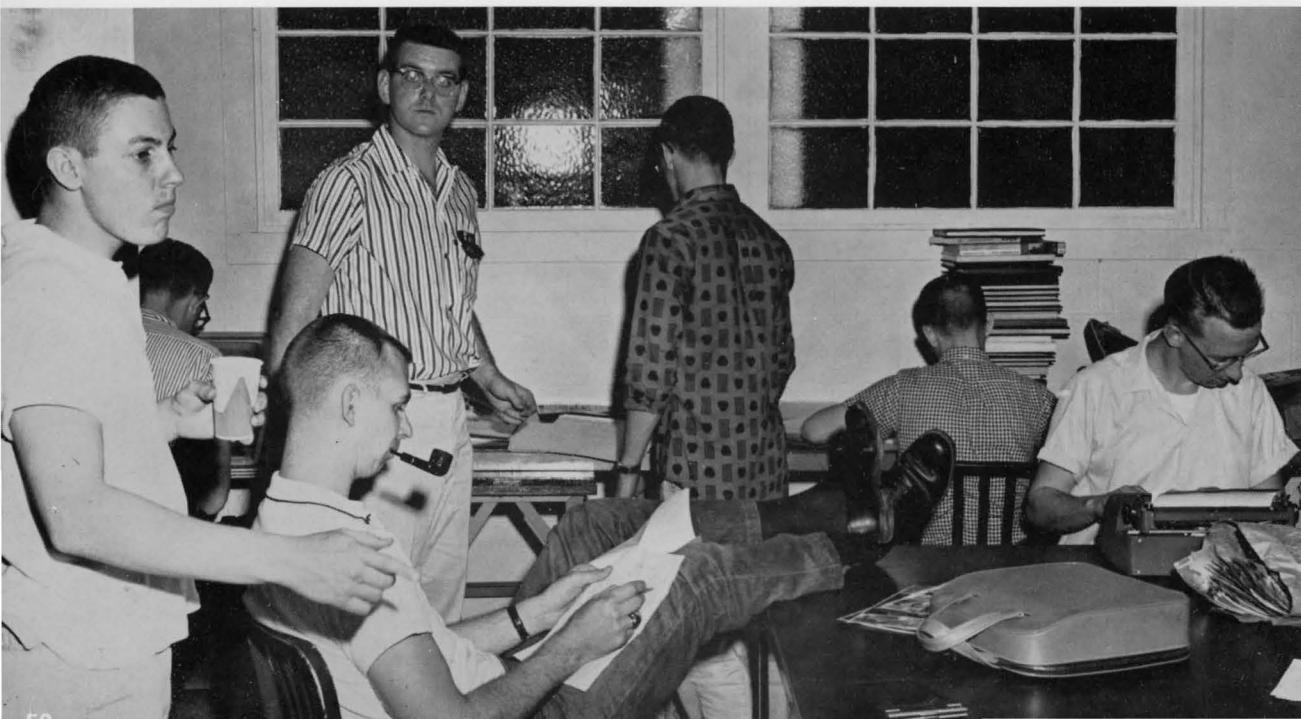


Joseph W. Snyder
Managing Editor



Prof. Gordon K. Haist
Faculty Advisor

Friday evenings find the MODULUS office filled with the sounds of typewriters and voices as the 1961 MODULUS is created.





Copy Staff

SEATED: Jay Hirt, Art Editor; Ed Ayers, Copy Editor. STAND-
ING: Steve Kern; Bill Allard; Jake Hoffman.

Sports Staff

Left to right: Ned Hannum; Dick Cordill, Editor;
Tom Keeling; Lee Brda.

Photography Staff

Left to right: Rod Bogue; George Holland; Dale
Oexmann, Editor; Charles McCoy; Bill Washburn;
Nick Kira; Dave Burrall.



Advertising Staff

Left to right: Rick Rapson; Rod Herrick; Bill Yo-
chum, Editor.

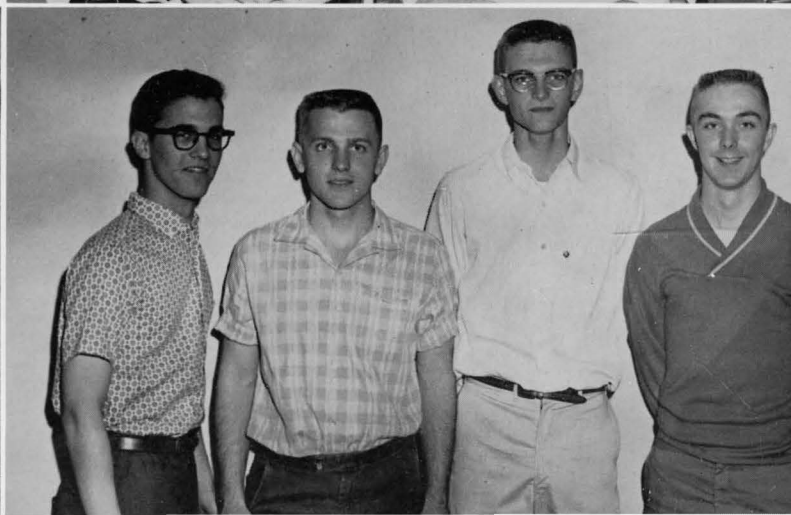
Sales Staff

Left to right: Bronis deSupinski; Dean Powell, Edi-
tor; Rick Rapson; Bob Randall.



Layout Staff

Chuck Huppert; Steve Wooley; Tom Johnston; Bob Murray; Jay
Pollitt; Allen Jannasch; John Walden, Editor.



TECHNIC

Since the first issue was released on June 12, 1891, THE TECHNIC has given Rose a college publication to provide pleasure and education for its readers. With many improvements and expansions through the years THE TECHNIC has grown into a publication of national acclaim in its field. A proof of this excellence is its wide distribution, which links Rose with her alumni and gives the public a better view of Rose.



David A. Trueb
Co-Editor



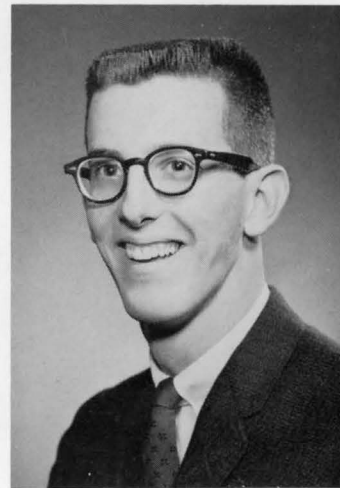
James W. Funk
Co-Editor



John E. Stiles
Business Manager



Dale F. Oexmann
Assistant Editor



T. C. Copeland, III
Assistant Editor



Prof. Carl Munselle
Faculty Advisor



CONTRIBUTING AND FEATURE STAFFS

STANDING, left to right: Ned Hannum; Bob Valle; Dave Morgan; Lindley Ruddick; Don Bonness, feature editor; Merle Rick Rice; Jerry Badger; Ken Miller.



EDITORIAL AND PHOTOGRAPHY STAFFS

STANDING, left to right: Dale Oexmann; Andy Breece, photographer; Max Goodwin; Joe Grumme. SEATED: Rich Daugherty.



CIRCULATION AND ADVERTISING STAFFS

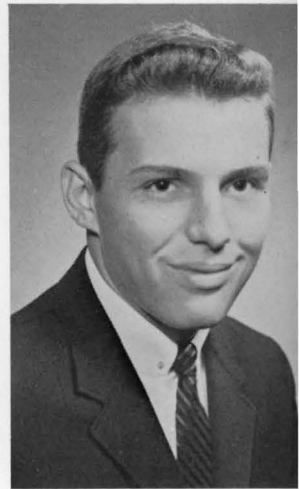
STANDING: Bronis deSupinski; Bill Allard; Mike Scherer. SEATED: Rick Rapson.

EXPLORER

The newest member in the journalism field at Rose is the Explorer. Serving the student body with timely news, the newspaper makes its appearance every other Friday.



Don L. Dekker
Co-Editor



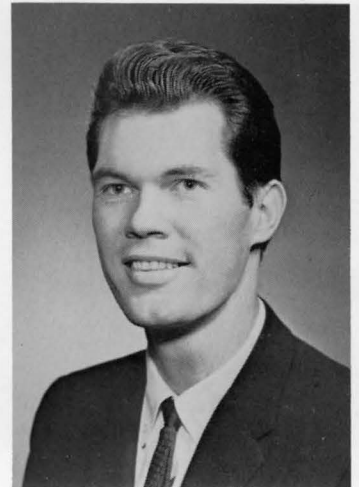
William R. Fenoglio
Co-Editor



William O. Young
Business Manager



Stephen D. Ban
Assistant Editor



Mr. Reid Bush
Faculty Advisor

Left to right: George Holland, photographer; Ron Susemichel, business manager; Rod Herrick, co-editor; Joe Grumme, advertising manager; Dennis Karwatka, assistant editor; Steve Ban, co-editor; Lee Brda, cartoonist.



Left to right: Larry Anderson, proofreader; Dave Cripe, proofreader; John Stockton, reporter; Don Bonness, head reporter; Bob Valle, reporter; Dave Randolph.



Left to right: Jerry Hahn, head reporter; Jim Schulz, Bob Gordon, Jack Hobbs, Hal Reilly, reporters; Rod Bogue, head reporter; Charles McCoy, reporter.



Left to right: Jon Hunt; Marve Barkes; Merle Rice, head reporter; Steve Hoffman; Jim Rademacher.







FRATERNITIES

Fraternalities play a vital role in the life at Rose. Providing social functions, study facilities, and excellent living conditions, the four national social fraternities help maintain the standing of Rose as one of the leaders in the education of men.



RUSH



A late snow storm presented quite a problem to the fraternities as rush weekend opened.

After one semester of closed rush, all effort was directed toward rush weekend which was two weeks after the start of the second semester.

The rushing period this year was made even more hectic than usual by two factors. First, the number of freshmen attending rush was the largest in Rose's history, 123, and secondly, an enormous snowfall descended onto the campus early Saturday morning, slowing traffic to a crawl.

Five parties, instead of the usual four, were required to accommodate the large number of rushees. The first party was Friday night with two each on Saturday and Sunday.

Late Sunday night many decisions were made by both the fraternities and the rushees. The climax came on Monday morning as the decisions made the night before were revealed, and a myriad of smiling faces extended congratulations to the new pledges.



After an all too short two hours it is, "Good-bye, and the best of luck on your decision."

I.F. COUNCIL

Because of the enormous part which the four social fraternities play in school life at Rose, an effort was put forth to coordinate their activities. This effort was in the form of the Inter-fraternity Council.

Among the important facets of the Council's activities are such things as the planning of the Inter-fraternity Dance, the formulating of rush regulations, and the distributing of Goodwill bags. Another, and possibly more important, part of the Council's responsibilities is to ease the discord caused by four differing ways of life. Through these activities the Inter-fraternity council maintains harmony among members of the student body.



Preparations are made to pass out Goodwill bags to the community by the four fraternities in a yearly project sponsored by the Inter-fraternity Council.

SEATED, left to right: Steve Ban; T. C. Copeland, III, secretary; Jim Malone; Charles Smith. STANDING, left to right: Jerry Hahn; Dave Trueb, president; Dean Herman Moench, faculty advisor; George McLellan; Neil Irwin.





The Inter-fraternity Sports Trophy

I.F. SPORTS

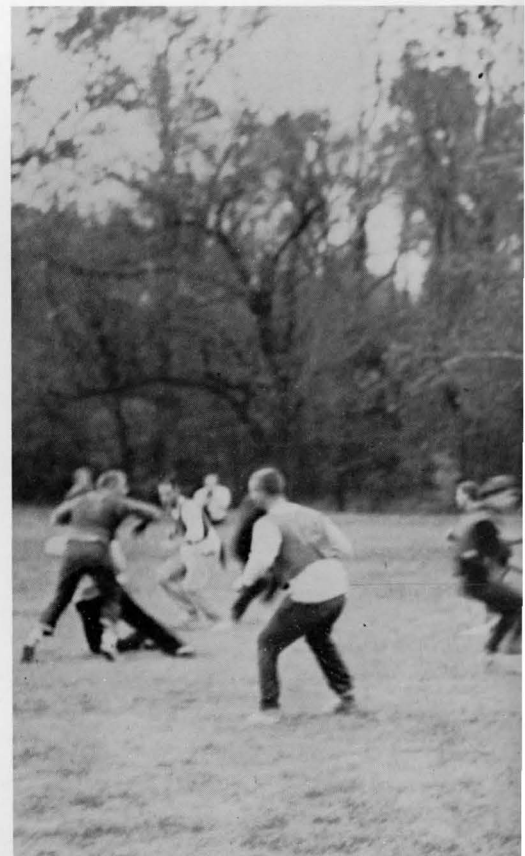
For many years the Rose inter-fraternity sports have been one of the major elements of Rose's fine athletic program. Each year the four Greek fraternities at Rose engage in a full program of football, basketball, and softball events.

Points are awarded to each fraternity according to its standing in each sport. The fraternity accumulating the greatest number of points is awarded the beautiful interfraternity sports trophy.

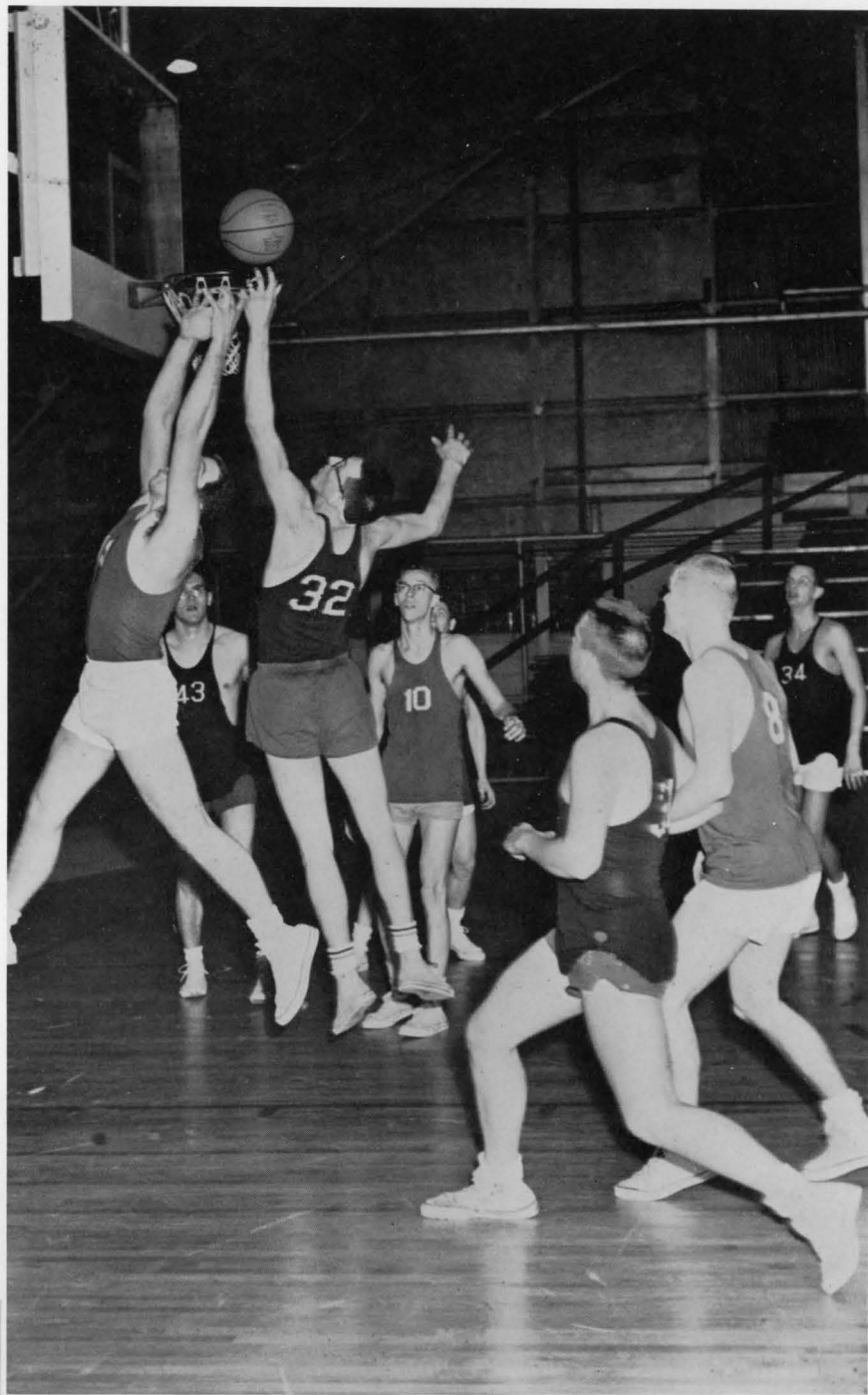
This program channels the competitive spirit among the fraternities and provides a good outlet for the men's pent-up emotions.



Ned Hannum gets set to send out a long drive early in the I.F. baseball season.



T. C. Copeland and Don Hurst work hard under the boards.



Looks like Bill Fenoglio is going to lead some action around the left end.



ALPHA TAU OMEGA

OFFICERS, left to right: Ron Staggs, vice-president; Jim Godwin, secretary; Dave Trueb, president; T. C. Copeland, III, recording secretary; Jon Stiles, treasurer.

The Alpha Tau Omega fraternity, being the first of the four present fraternities to be founded at Rose, continues to play a leading role on the Rose campus. The Indiana Gamma Gamma Chapter at Rose was organized November 15, 1893, by F. E. Smith, an Alpha Tau from the Beta Beta Chapter at the University of Alabama. This year we celebrate our sixty-eighth year at Rose.

Alpha Tau Omega was well represented in extra-curricular

activities again this year. Jim Goodwin was elected president of the Senior Class. Al Jannasch was elected secretary-treasurer of the Junior Class, and Joe Snyder was elected vice-president of the Student Council.

Both the MODULUS and the TECHNIC were under the guidance of ATO's this year. Dave Trueb was co-editor of the TECHNIC at the start of the year, and T.C. Copeland was editor-in-chief during the second semester. Bill Carter directed

SEATED, left to right: Herrin; Godwin; Staggs; Mom Srofe; Trueb; Stiles; Copeland; Garino. SECOND ROW, left to right: Jannasch; Cordill; Washburn; Fellows; Carter; Ayers; Wright; Robertson; Hannum. THIRD ROW, left to right: Powell; Snyder; Walden; Starnes; Munro; Hirt; Oexmann; Burns; Volkers.





SEATED, left to right: Burrall; Kosewick; Austin; Rice; Stewart; Ruddick; Scherer; Wright. SECOND ROW, left to right: Ellis; McNally; Arnold; Al-
lard; Rapson; Jensen; Huppert; Warnke; McKnight; de Supinski; Kira. THIRD ROW, left to right; Bosworth; Rose; Baird; Finney; Shaffer; Pollitt;
Keeling; Modesitt; Breece; Mitton.

the torturous route of the MODULUS to its completion. Besides the heads of the staffs, many other ATO's worked hard on these publications.

Andy Breece was president of the Camera Club and Ron Staggs served as president of Blue Key. Three Taus were members of Tau Beta Pi, and eleven ATO's held membership in Blue Key.

Social functions this year included hayrides, open houses, trade parties, and informal dances; the highlights being the VMI and IF dances. Another big event was State Day, which was held at Bloomington, Indiana. Gamma Gamma won the trophy for best scholarship. The annual Christmas party for the orphans at Glenn Home was held, and as in the past, ATO solicited for the Heart Fund and also collected Goodwill bags.

Several members participated in athletics this year, particularly baseball and track. Nobody was an all-American, but we are proud of having three managers.

The house at 1454 South Center Street has taken on a new look, so to speak, by acquiring two new coats of paint on the outside, as well as a face lifting in several of the study rooms.

The perfect end to a great year came when a very fine new group of pledges was initiated in May. The Alpha Tau Omega Fraternity hopes the coming year will prove to be as successful for its members as the past one has been.



The Orphan's Christmas Party is always a happy time in the year.

Mom Strofe bakes some donuts for that extra added energy needed in final's week.



LAMBDA CHI ALPHA

OFFICERS, left to right: Steve Ban, president; Jerry Hahn, treasurer; Bill Nicewanger, secretary; Max Goodwin, vice-president.

The brothers of Theta Kappa Zeta of Lambda Chi Alpha have enjoyed another year of success in group and individual activities. With the new actives moving in, the spirit ran high, inspiring everyone to do his best for Rose and the chapter.

Under the able leadership of Steve Ban this spirit was first evidenced by the prize winning work on the homecoming display, "Rose gets A-Head, Concordia gets de-Feet."

This spirit was not confined to extracurricular activities alone, as the chapter maintained the I-F Scholarship Trophy for the 14th consecutive semester.

Chapter members of Blue Key Honor Fraternity included brothers Russ Archer, Don Dekker, Jim Funk, Bill Fenoglio, Steve Ban, and Andy Hrezo. Brothers Russ Archer, who was president, Don Dekker, Jim Funk, Jim Gates, John Ray, Larry Hartley, Steve Ban, Al Story, and Fred Terry were honored

SEATED, left to right: Burton; Bonness; Gates; Hahn; Ban; Fenoglio; Ballantyne; Allen Johnson. SECOND ROW, left to right: Andel; Bedwell; Dekker; Klinect; Badger; Story; Ron Johnson; Michael; Haley; Professor Schmidt, faculty advisor; Hrezo; Skersick; Terry. THIRD ROW, left to right: Bill Brown; Hildenbrand; Griffith; Tindall; Thompson; Robinson; Archer; Mills; Myers.





SEATED, left to right: Jones; Miller; Barone; Tom Fenoglio; Hunt; Valle; Holmes; Schulz. SECOND ROW, left to right: Templin; Goodwin; Karwatka; Wooley; Nicewanger; Leonard; Gordon; Young. THIRD ROW, left to right: Thomas; Miller; Hayes; Love; Riley; Kovacs; Hobbs; Wetzel; Dumford; Terry; Bergstrand; Blahut. FOURTH ROW, left to right: Rohr; Bolt; MacDonald; Moffett; Dice; Kopf; Little; Randolph; Stratten; Stockton.

as members of Tau Beta Pi.

Among the brothers serving as class officers were Andy Hrezo, Junior Class President, Bill Nicewanger, Sophomore Class President, and Jon Hunt, Freshman Class President. Jim Funk was elected President of the Student Council and seven other brothers served as members.

Of the members participating in sports this year Joe Anel, Don Dekker, Ed Blahut, Bob Michael, Fred Terry, and pledge Vaughn Love won letters in football. Lettering in basketball were John Ray, Don Dekker, Steve Ban, Dave Dumford, and pledge John Stockton. Brothers also participated in baseball and track.

At State Day, Don Dekker was named the most outstanding active in Indiana for 1961.

Dances and parties with the young women from the Woods and State provided social fun for the actives as well as our outstanding pledge class.

Larry Myers and pledge Bob Leonard ended the year in high pitch by leading the chapter in winning the I.F. Sing.



The fraternity house provides an excellent place for the brothers to gather and enjoy an evening of cards.



SIGMA NU

OFFICERS, SEATED, left to right: Lee Brda, president; Mr. Bennett, faculty advisor; Neil Irwin, vice-president. STANDING, left to right: Bob Carter, chaplain; Rich Daugherty, treasurer; Brent Lower, recorder.

The year of '60-'61 has been a busy one here at Beta Upsilon. Planning and watching our plans take shape has again been a source of great satisfaction to each and every one of us.

Homecoming displays were undoubtedly bigger and better than ever this year. Sigma Nu's display was created and constructed under the able management of Don Hurst. The display featured a ten-foot elephant spraying water onto a cougar, and the chapter feels that it was our best yet.

Shortly after homecoming our social season blossomed into full swing. Each of our house parties with the girls of St. Mary's and the sororities at State was a huge success. Highlights of the year were the V.M.I. Dance, held annually with the Alpha Tau Omega chapter, our State Day, held in Indianapolis this year, and the second annual Pledge Dance.

Many of the brothers distinguished themselves in both varsity and fraternity athletics. Bill Yochum was captain of the

SEATED, left to right: Bob Carter; Turecky; Valbert; Herrick; Dring; Sabla; Smith. SECOND ROW, left to right: Pesavento; Kingery; Laterneau; Kostra; Gallatin; Decker; Hill; Barnett. THIRD ROW, left to right: Morgan; Higginbotham; Kvasnica; Raquet; Landenberger; Hurst; Hormuth; Brda; Gilbert; Tom Brown; Rich Carter.





SEATED, left to right: Jim Brown; Larry B. Hall; Ratz; Zaenglein; Dick Swan; Thurston; Zinngrabe; Holobaugh. SECOND ROW, left to right: Robinson; Johnson; Pierce; Lepp; Lovell; Lower; Irwin; Fite; Hinshaw. THIRD ROW, left to right: Downey; Reynolds; Charlton; Forrester; Clemons; Grumme; Bond; O'Neill; Goss; Hoffman; Heit; Petrosky; Griffin; Skjodahl. FOURTH ROW, left to right: York; Toole; Marietta; Sullivan; Niederhaus; Daugherty; Shade; Canalia; Bilia; Bonson; Spangler; Sausser.

football team. For the second straight year Sigma Nu won the I.F. football trophy, and finishing strong, we won the I.F. All Sports Trophy.

Rod Herrick was a co-editor of the Explorer, and along with Dick Landenberger, Rod was recently initiated into Blue Key. Lee Brda was president of A.S.C.E. Bob Lovell and Lee Brda were vice-president of the sophomore and junior classes.

Mom Cora DeGraff, our beloved housemother for 14 years, announced her retirement at the end of last year. We were fortunate in that Mom Helen Sherfey was able to step into Mom DeGraff's shoes and manage things without so much as a lost meal in the shuffle.

The house at 831 South Center has seen the usual number of innovations and improvements under the guidance of Bob Lovell. Our chapter house is one of the few homes that gets newer, rather than older, as the years go by.

As another year is past, with its frolics and tragedies, the chapter is looking forward to the new school year with new ideas for the continuance of building brotherhood in the Sigma Nu tradition.

Sigma Nu puts a high priority on study as an important function of the fraternity.

Part of the fun of living in a fraternity house is dishes duty.





THETA XI

OFFICERS, SEATED, left to right: Chuck McLellan, vice-president; Jim Malone, president; Chuck DeWeese, treasurer. STANDING, left to right: Lynn Roberts, corresponding secretary; Steve Kern, senior house manager; Bob Brown, scholarship officer; Vick Risch, junior house manager.

SEATED, left to right: Malone; Summers; DeWeese; McLellan; Cunningham; Andis; Reece; Landsbaum. SECOND ROW, left to right: Bott; Bob Brown; Henke; Schreiner; Clayton; Gross; Gilpatrick; Lanning; Wardle; Niedringhaus; Zone; Augenstein.





SEATED, left to right: Izumi; Yee; McGraw; Teeguardem; Risch; Hoffman. BACK ROW, left to right: McClure; Edmonds; Weiser; Oxley; Spencer; Murray; Hauert; Roberts; Kern; Hellman; Bentley.

Another rewarding year has gone by for Kappa Chapter of Theta Xi, a year of study, brotherhood, and fun.

Among the Theta Xis active in professional societies was Don Lanning, president of the A.I.Ch.E. We are proud of our Tau Beta Pis, Brothers Don Niedringhaus and Mike Clayton.

Theta Xis, including two captains, were found on all four varsity teams. Bob McCardle was captain of the track team, and Don Lanning was co-captain of the baseball team. Coach Larry Cunningham led the TX Tigers to victory and the basketball trophy once again.

We had a fine social season including date parties, dances, and picnics. Many enjoyable times were spent with our brothers and their friends.

Many improvements were made on the house this year including repainting the interior.

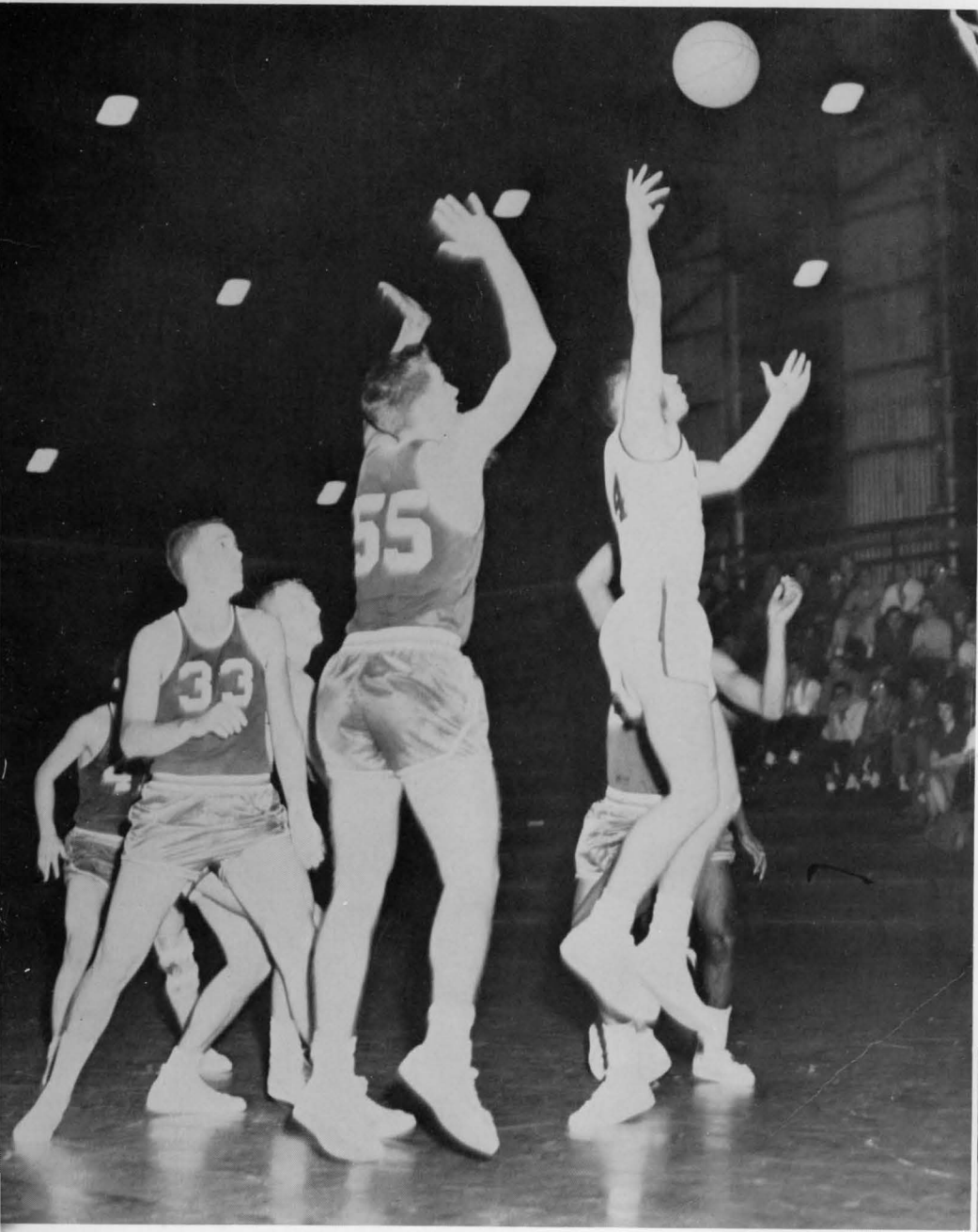
We had a fine pledge class of sixteen members. Joe Byrd was chosen as our outstanding pledge.

With the school year over we have many pleasant memories, and we are looking forward to a successful future.



Jim Malone, president, helps entertain the freshmen at a rush party.

Another strong turnout for I.F. baseball keeps TX in contention for top honors.





SPORTS

An important consideration in the development of the Rose man is the varsity and intramural sports program. The athletic facilities are always open for student use, and there is no better way to relax than in a hard fought game.



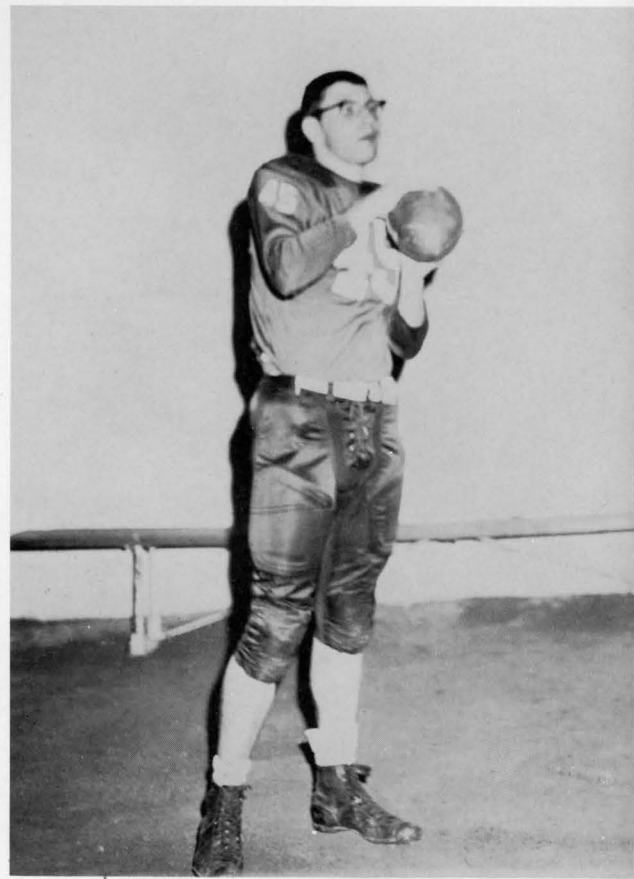
FOOTBALL

Overall prospects for the 1960 football season were much improved over the previous year. Twelve returning lettermen plus several squad members from last year who failed to letter formed a fearful set of crusted veterans. Three new upper-classmen plus a few promising freshmen added unexpected strength to the fighting Engineers. The team was looking forward to the opening game at Lost Creek Stadium.

On Saturday, October 1, Rose fielded a spirited, eager crew. The Illinois College eleven had one game under their belts, and their greater experience and better condition paid off in the late stages of the game. Rose exploded with the first marker when left halfback Bob Michael shot off tackle for 38 yards and six points. Dick Pike made it 7-0 with his kick as the first quarter ended.

Illinois College managed to sustain a drive to the goal line as Rose's pass defense showed definite loop holes. With the score tied at 7-7, Michael again shot off tackle for a score. The first half ended with Rose leading 14-7.

The second half spelled doom for the Engineers. The middle of the defensive line weakened, and I.C. bulled through for two touchdowns. The Engineers failed to score again and Illinois College took home a 21-14 victory.



Captain Bill Yochum did a fine job this year.

1960 Football Team





An end sweep by Checkley

The following week saw the Engineers facing Eureka at Lost Creek Stadium. Rose again scored first as Bob Michael ran off tackle for thirty yards and then Bob Checkley ran for the score over left tackle. A bad pass from center resulted in failure in the attempt for conversion and eventually, failure to win the game. Again the Engineers kicked off. Eureka sustained a drive, but was stopped by Rose's improved defense on the ten-yard line. A few plays later Michael was knocked out

on a dive play and was removed for the rest of the game. Eureka quickly struck back in the second quarter to tie the score.

Early in the second half fullback Bill Yochum injured his ankle and was taken out for the rest of the game. Attempts by both teams to score proved futile as the game ended in a 6-6 tie.

Bob Checkley drives for another gain.



The bench watches a tense moment.





Things don't look good for Rose at this point.

Setting up an end run

October 15, Homecoming at Rose, saw a spirited Concordia dump the hopeful Engineers 14-0. Although the decorative fraternity displays suggested otherwise, the Cougars took advantage of two Rose fumbles to score all the points of the contest. All scoring took place in the first five minutes as the two Rose miscues were climaxed by a 20-yard run and a 15-yard pass play.

From then on the game was fought on even terms. Rose utilized a variable offense, employing both ground and pass plays while Concordia found most of their success on the ground. Twice Rose threatened to score, but as in the past, fumbles stymied the drives. Although Rose was unable to score, the Engineers put out a gratifying team effort, perhaps the best of the season.

At Elmhurst, the fighting Engineers finally found their winning ways in a 19-6 triumph over Elmhurst College. Rose took the opening kickoff and moved to the Elmhurst twenty. But the old fumble bug bit the Engineers there and from then on to the fourth quarter, the game was fought on even



A solid drive through the line nets some yardage.

terms. Rose broke into the scoring column first when, midway in the third period, Bob Checkley caught a pass from Bob Michael to net ten yards and six points.

Elmhurst deadlocked it again at 6-6 a few minutes later. The Rose offense finally broke loose in the fourth quarter. Checkley skirted right end from the twenty for a T.D. and converted on a run around the left end. Later in the period, Don Dekker concluded the scoring with a thirty-yard run. This victory proved to be the first and last of the season.

October 29, Homecoming to Earlham College, saw the Quakers celebrate the occasion successfully with a 30-0 victory over Rose's fighting Engineers. The Quakers crushed the Engineers with twenty-four points in the first half and came back with one more tally in the fourth quarter. Earlham gained 354 yards on the ground while the Engineers could only manage a meek 37 yards.

On the following week many key players who were injured against Earlham were unable to play against Principia. The crippled Rose eleven again met defeat to the tune of 35-12. Principia exploded for two touchdowns in the first eight minutes of the game and tallied three more in the last eight minutes. Aside from these two periods, Rose outplayed their opponents in every respect. The Engineers came to life in the second stanza by driving 70 yards to score. Pat Hauert did the honors to cut the gap to 14-6 at halftime.

In the fourth quarter, Rose again started to move, this time going from midfield to pay-dirt in seven plays. Hauert again applied the clincher from a yard out. Trailing only 14-12, Rose kicked off. The roof fell in as the kick was gathered



Rose pulls down another long pass deep in enemy territory.

in and returned 70 yards for the score. Rose became desperate and gambled on long passes. This plan backfired as two interceptions netted two more Principia touchdowns.

In the final gridiron battle of the 1960 season, Rose traveled to Franklin and complete disaster. The injury-ridden Engineers yielded ten times to the powerful Hoosier Conference eleven. The final count read 65-0 as the hardluck Engineers headed for the showers for the final time. Playing their last game for Rose were Seniors Jack Schreiner, Don Dekker, Dick Pike, Bob Checkley, Bob Michael, Bill Yochum, Ron Ireland, Dan Kingery, and Al Raquet. The rest of the squad will be back next year trying to improve on this year's record.

Good blocking opens a hole in the line for a short gain.

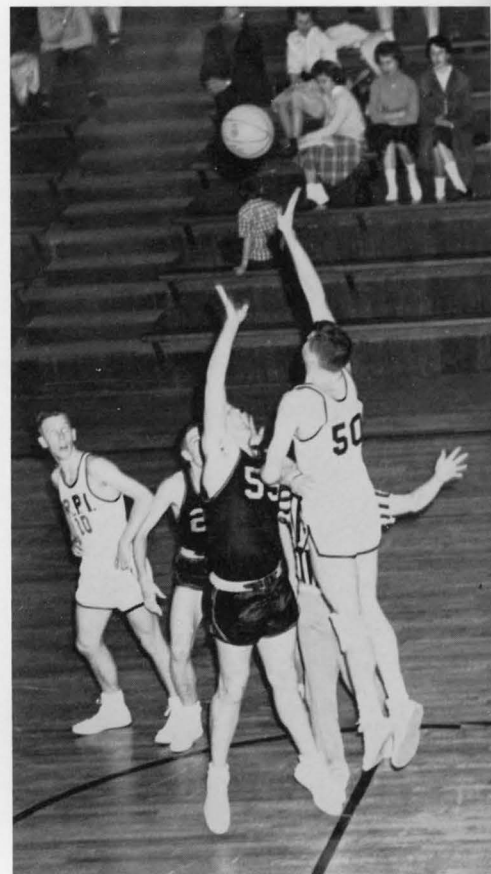


BASKETBALL

With six returning lettermen and some promising freshmen, Coach Jim Car had high hopes of having a successful season, but the season did not produce the expected results. Even though the season record was 4-12, the team played well in many games. In the conference they played some of their best games, placing fourth in the conference with a record of 4-6. The six returning lettermen who formed the backbone of the team were Don Dekker, John Ray, Vern Gross, Phil Chute, Dave Dumford, and Bob McCoige.

On December 1, the Engineers opened the season with a game against the Eureka Red Devils at the Rose fieldhouse. Eureka led late in the first half and held their lead for the rest of the game to win by a 58-50 score.

The Engineers journeyed to Jacksonville, Illinois, to play the Blue Boys of Illinois College for our second game of the season. Rose was cold from the field in the first half, hitting



John R. leaps high for a tip.

1960-61 Co-captains, Ray and Dekker



only five field goals. Because of this poor shooting, Illinois College had a thirteen point lead at the end of the half which they were able to hold to defeat RPI 57-45.

Rose stretched its winless streak to three games as the Engineers traveled to Vincennes to play the high scoring Vincennes College team. RPI trailed from the start and lost 82-49.

This losing streak broke on December 12 when Rose defeated Principia 69-52 on Principia's home floor. The Engineers had command of the entire game, leading 37-25 at the half. With eight minutes to go, RPI exploded to a 55-33 lead and coasted for the rest of the game, giving Rose's second string a chance to play. Outstanding performances were turned in by John Ray, who scored 18 points, and Dave Dumford and Phil Chute, who each scored 15 points.

The next evening Rose played the eventual conference champions, McKendree College. The Bearcats from McKendree jumped to a commanding lead in the opening minutes of the ball game, but Rose kept eating away at McKendree's lead until the Engineers led by two points with just a few minutes left in the game. At this point, the energy lost by the team in playing a game the night before began to show. The Bearcats pulled away in the final minutes to win 77-61 despite a



1960-61 Rose Basketball Team

A layup by Phil Chute for an easy two points.



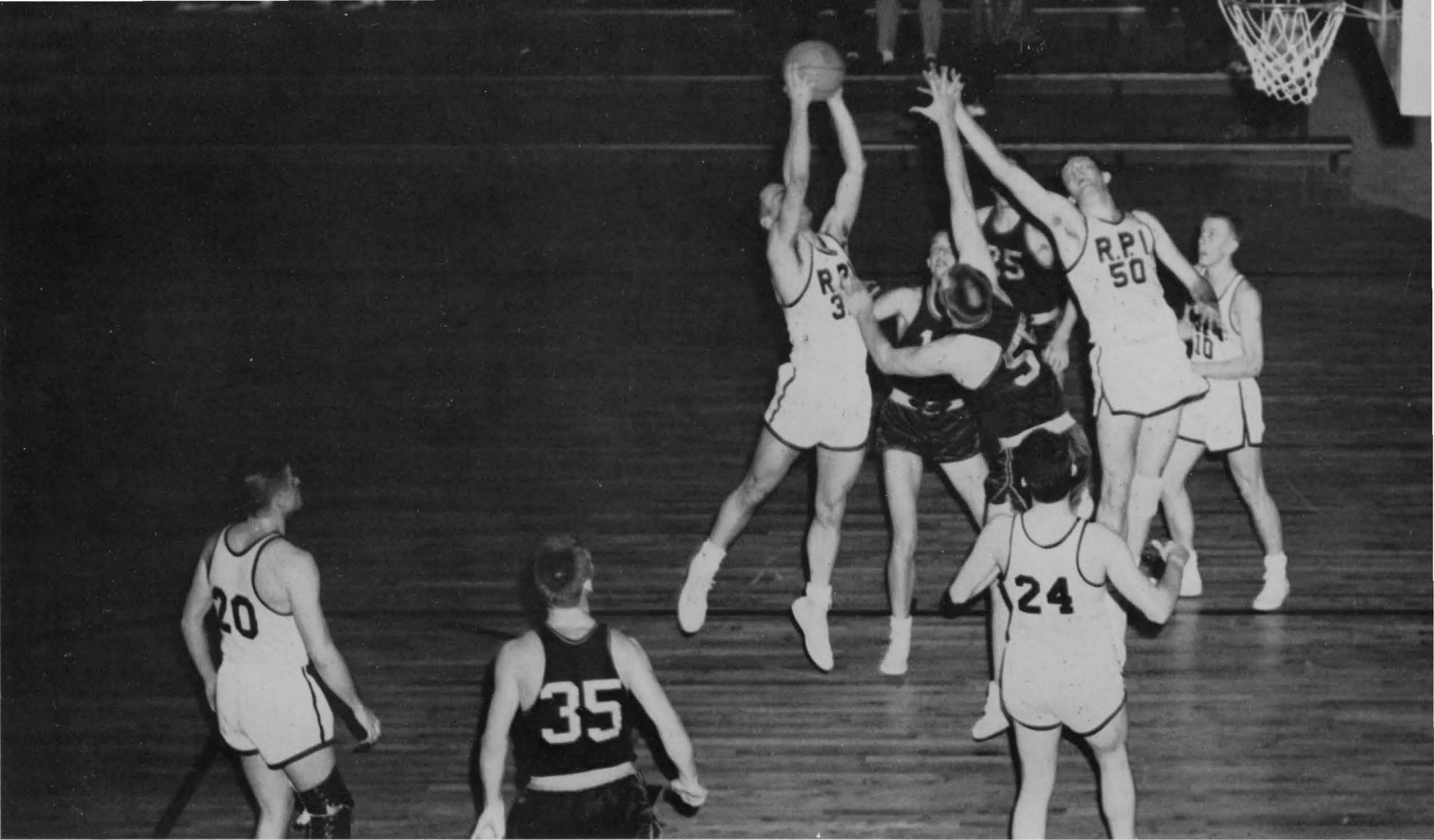
19 point effort by John Ray.

Rose continued its home stand with a hard fought game against Illinois College. The Engineers, intent on revenge for their defeat by Illinois College earlier in the season, gained an early lead and held a comfortable margin until late in the game when Illinois staged a comeback. Even though John Ray and Steve Wood had fouled out of the game, the Engineers were able to stop Illinois' last minute scoring drive to win 64-63. Rose's 64 points included 18 scored by Dave Dumford and 15 scored by Phil Chute.

After this successful home stand the Engineers traveled to Eureka, Illinois, to play Eureka College's Red Devils. Rose could not find the basket and lost 71-51 after being behind throughout the game.

The next foe to face the Engineers was Earlham College. The play was very close in the first half; the halftime score was 35-34. In the second half Earlham pulled away and won 79-58 despite John Ray's 20 point performance.

Next the Rose five played Greenville College. Greenville took command of the game from the start and won 87-67. Dave Dumford and Ed Downey scored 18 and 14 points, respectively, to be high scorers for the Engineers.



Dave Dumford snags a rebound.

On January 19, the Engineers played host to Marian College's Knights. This was not a good evening for the Engineers; they fell behind early in the game and couldn't catch the visitors as Rose was defeated 72-52.

After semester break, the Engineers met Oakland City College on Rose's home floor. The vacation did not help the Engineers. They played well in the first half only to be defeated

74-54.

Rose continued its home stand with an easy victory over Principia College. This game was in the hands of the Engineers all the way. John Ray scored 19 points and Phil Chute accounted for 14 points of Rose's 58 points in the final 58-51 score.

The following week the Engineers traveled to Lebanon, Illinois, to face the McKendree College Bearcats. The Engineers couldn't find the basket as McKendree won 84-46.

The Engineers met Blackburn's Beavers in the Rose fieldhouse for one of the Engineers' best games. Rose led at the half and won easily, 70-61. The high scorers for the Engineers were Dave Dumford, Phil Chute, and Brian Samuels who poured in 16, 14, and 10 points, respectively.

Rose's playing season ended with a game with Blackburn which had been postponed from earlier in the season because of snow which made the trip to Blackburn impossible. Even though we had defeated Blackburn less than a week earlier, we fell behind early in this game and couldn't catch Blackburn's Beavers who handed us a 66-61 defeat.

Letters were earned by Steve Ban, Phi Chute, Don Dekker, Ed Downey, Dave Dumford, Vern Gross, Neil Irwin, John Ray, Brian Samuels, John Stockton, and Duane Wood. Of these eleven, only Dekker, Gross, and Ray are seniors so next year Rose should be capable of a very good season, with eight returning lettermen.



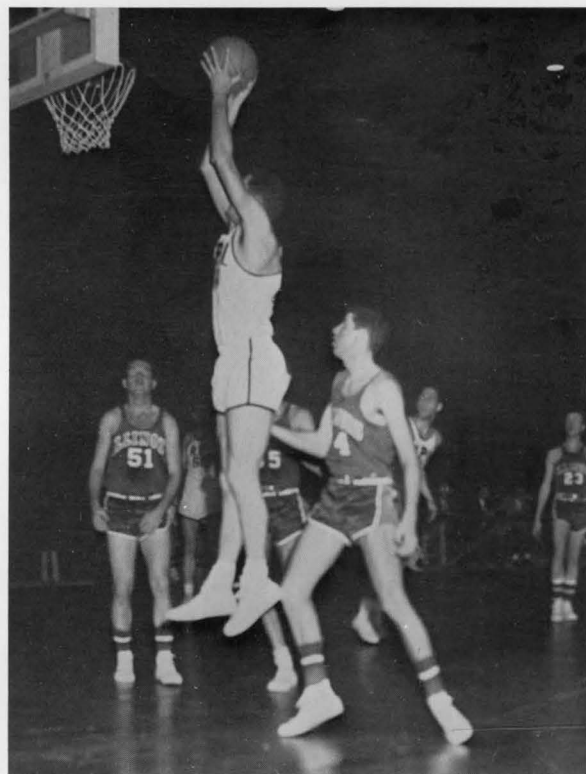
Steve Wood goes high for a shot.



John R. outmaneuvers the opposition for a jump shot.



Ed Downey fights for a rebound.



A good fake by Phil Chute sets up two points.

TRACK

The spring of 1960 found the Rose cindermen small in number but high in spirit and expectation. The opening meet saw Rose lose to Earlham. Although we did well in the field events, the men from Earlham outran us in the dashes and distances, and Rose was edged 70 to 34. The second meet of the season saw Rose taking a second place behind Millikin. MacMurray was third.

The annual Rose Relays was our next action. After running away with the meet the previous year, Rose was forced to bow to Earlham's 63½ points and settle for sixth place with 17½ points. The following week St. Joseph squeezed by the Rose cindermen by a score of 67 to 62.

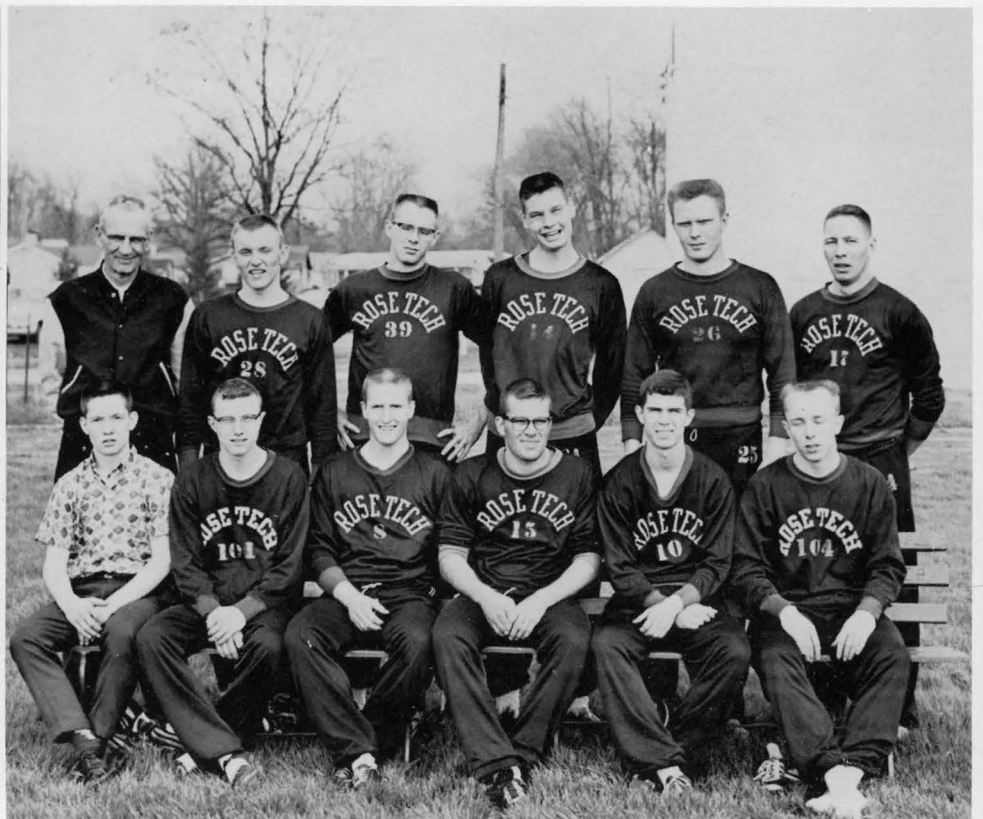
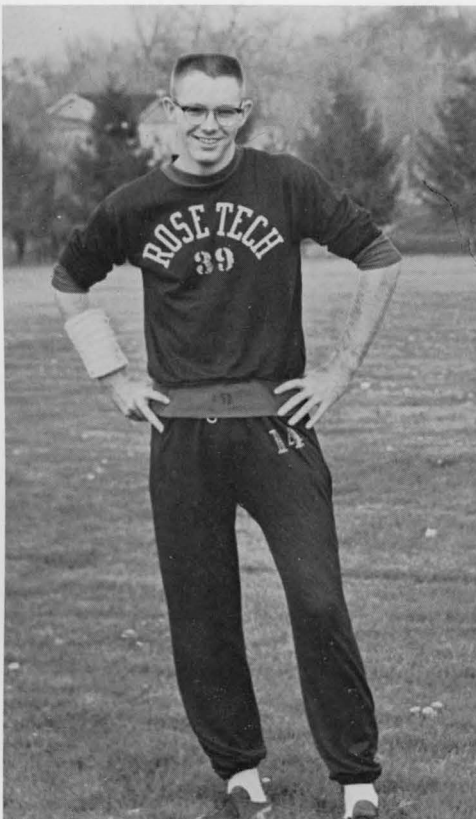
Indiana Central and Anderson were next to challenge the Rose men. Indiana Central took the high honors with 85 points followed by Anderson with 53 points and Rose with 34 points. The final standings in the Prairie College Conference found Rose taking third place.



Bill Stegemoller stretches hard in the high hurdles.

Bob McCardle, track captain, was a leader in the field events.

1961 Track Team





A 1-3 finish by Bob Bonson and Joe Andel nets Rose some valuable points.

The year saw an excellent effort from Munro, Ray, and McCardle in the field events. The distance running was taken care of by a promising freshman, Dave Niederhaus. After this season of building, the 1961 season looked promising indeed for the Rose cindermen.

The 1961 track season saw much delay because of the bad weather. Finally Rose went to Decatur, Illinois, to face Millikin and MacMurray for what we hoped to be our first victory. Millikin slowed our men down by collecting 116 points and giving Rose 29 points and MacMurray 16 points.



Bob McCardle takes a mid-air walk for that extra few inches.



The distance runs are grueling, but Jeff Lew drives ahead strongly.



Bill Nicewanger goes hard for the lead.

Andel and Bonson come off the blocks fast.



Jack Munro led Rose's scoring with 12 points in field events. The next week saw Rose host St. Joseph and Eureka where our cindermen took sweet revenge and an easy first place.

The following week Franklin squeaked by Rose by the score of $69\frac{1}{2}$ to 51. The next teams to challenge Rose were Taylor, Concordia, and Greenville. Again Rose finished second behind Taylor.

In the last home meet of the year, Rose gave host to Millikin and Evansville. Millikin walked away with the meet followed by Rose and Evansville. The highlight of the meet was when Jack Munro put the shot $43\frac{1}{2}$ feet to break his brother's old record of 42 feet $\frac{1}{2}$ inch.

The last meet before the Conference Meet had Rose traveling to Indiana Tech. In a three-way meet St. Joseph took first and Rose won second.

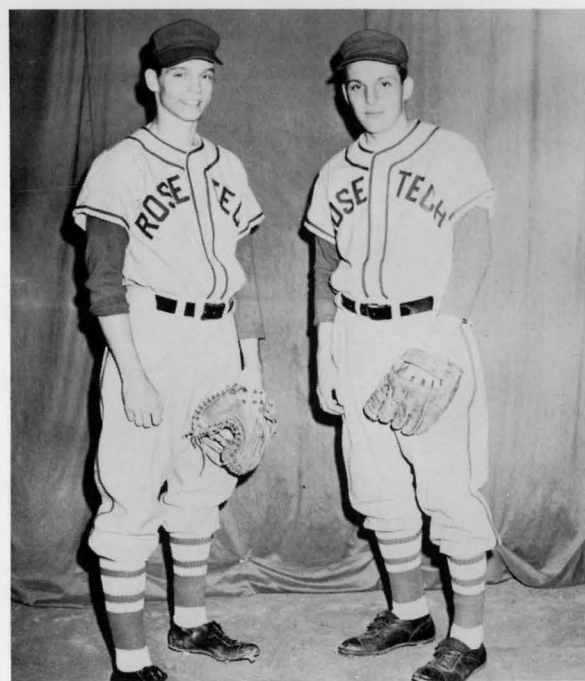
The Prairie College Conference Meet was held at Principia this year. Rose placed third.

The year saw an excellent group of thinclads for Rose. Outstanding in field events were Jack Munro and Bob McCardle. Bob Bonson was the top dash man. Maintaining control of the distance runs were two freshmen with high potential, Ed Zaenglein and Al Ratz.

BASEBALL

The 1960 Baseball season welcomed nine returning lettermen and several promising freshmen. The season was inaugurated on a dreary April 8 when the Engineers suffered a twin setback at the hands of Marion, 8-6 and 25-9. With better weather came winning ways for Rose's diamond crew. Facing tough Indiana Central in their next encounter, the Engineers buckled down to defeat the Tigers, 8-4. Jim Godwin pitched seven-hit ball for his first victory, while teammates Jerry Heiniger and Don Dekker each collected two hits and two runs batted in.

On April 23, the Engineers met McKendree, 1959 Prairie Conference Champs. In the first of two games, McKendree showed their championship form in beating the Engineers, 9-2. The second game brought victory to Rose as the Engineers began a three game winning streak. Dave Dumford's big eighth inning home-run broke a 4-4 deadlock and proved to be the margin of victory in a 5-4 decision. On the following Tuesday



Co-captains Don Lanning and Bill Fenoglio saw heavy service during the season.

Heiniger drives out a solid hit.



Not all the news was bad as a Rose rally gets a boost with the bat.





1961 Baseball Team

Getting set to fire in a fastball



Rose swept a double header from Greenville. Jim Godwin allowed only one Greenville run on six hits, and Jim Young collected two hits to back up Godwin. In the nightcap Jerry Heiniger claimed pitching laurels as his teammates collected nine hits.

The streak was ended the following week by Franklin as the Grizzlies capitalized on eight Rose errors. May 7 saw the Engineers go to Illinois College. The first game was a nip and tuck battle with I.C. winding up on top, 6-5. Heiniger and Godwin combined in game two to allow only two runs while Rose's offense rolled up 4.

The Engineers concluded the season as they had begun it with Principia the villain beating Rose in a double header. In the final analysis the Engineers finished with a 1960 record of 5-7 and a conference mark of 4-4.

Hopes for an even better season came with 1961. Traveling to Indianapolis for their first encounters, the Engineers suffered twin setbacks to Marian. Jerry Heiniger and Don White allowed only 3 hits and one earned run in the second game, but three Rose errors spelled defeat.

The next three games were no better as Franklin tripped the Engineers 6-2, and McKendree overpowered Rose 6-1 and 14-1. Principia accounted for the next loss for the hapless Engineers, this time 7-1. In the second game the Rose nine managed their first victory of the season, 9-6. Steve O'Neill went the distance backed by eight Rose hits.

Seeking further revenge the team went to Franklin, but the Grizzlies were not about to be on the losing end as they stunned Rose 17-3. Illinois College then took two heartbreakers 5-4 and 5-3. In each game Rose grabbed an early lead only to have it crumble.

The last two games of the season were played at Rose as the Engineers hosted Greenville. A three run rally in the bottom of seventh fell short as Rose again bit the dust 6-3. In the second game Rose came through to end the season on a sweet note to the tune of 7-3. The Engineers tallied one in the first, two in the second, one in the fifth, and three in the sixth while amassing a season high of eleven hits. Winning pitcher, Jerry Heiniger, led the hitters with three for four. Bob Valle also collected two hits and Steve O'Neill had a perfect day at the plate with two hits and a walk. Rose's defense provided adequate support, allowing no errors.

Rose finished the year with a 2-10 overall mark and a 2-6 Prairie Conference record.



An all too familiar sight to the Rose nine

A close play at third almost catches a Rose man too far off.



INTRAMURAL SPORTS

The intramural sports program, under the direction of Max Kidd, helps to fill the gap in the physical education of the men of Rose. Since no formal training or physical education courses are available to the men, they often take advantage of the program to work off the excess energy acquired while sitting behind a desk all day. Nearly eighty per cent of the men at Rose participate in one or more of the many activities available. All programs are purely voluntary, and dormitories and classes form teams, stimulating keen competition.

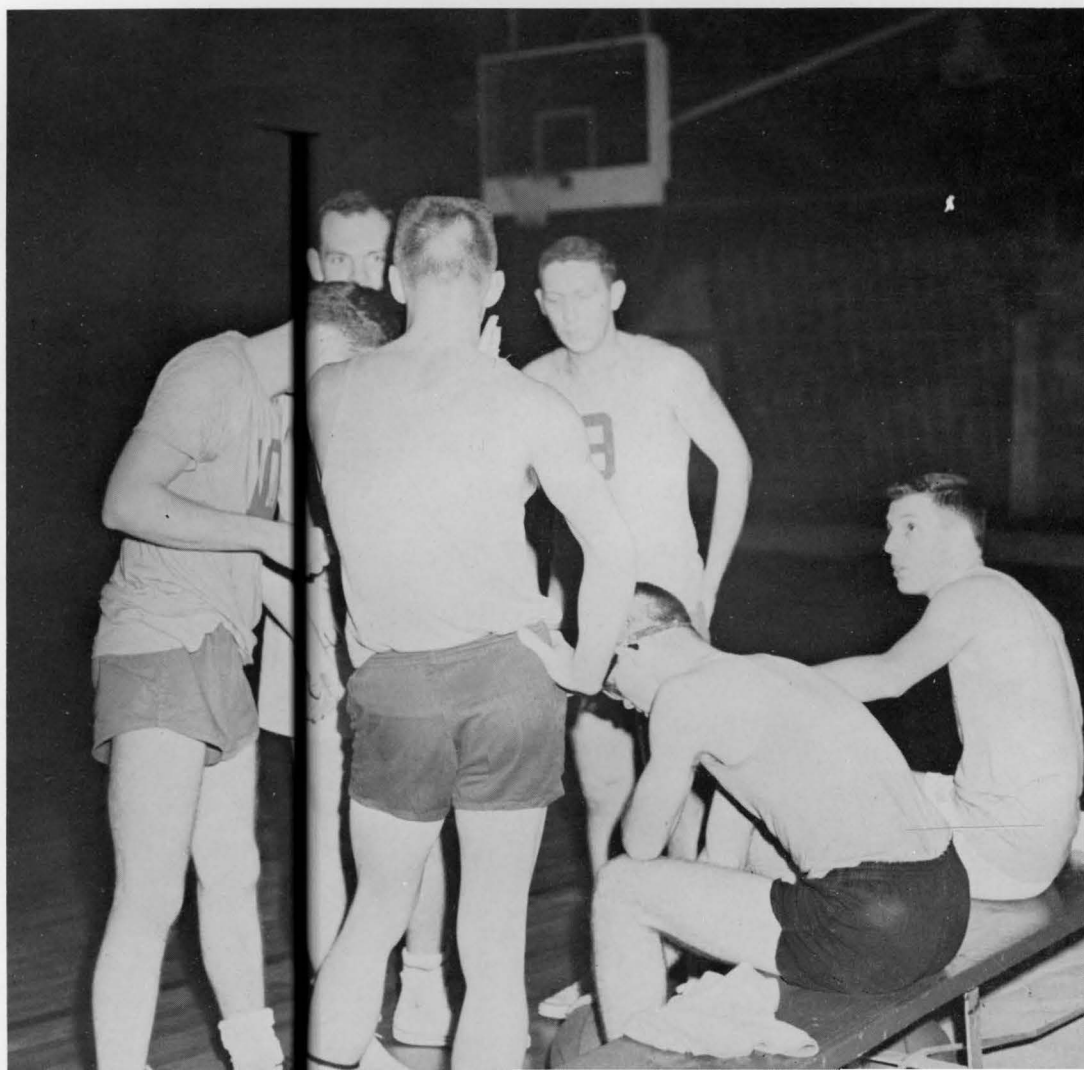
Evenings found the field house echoing with the cries of high spirits as the intramural basketball season got under way.





The intramural bowling league provided many enjoyable Tuesday afternoons during the winter.

Time out for some strategy and a little rest.



ATHLETIC DEPARTMENT



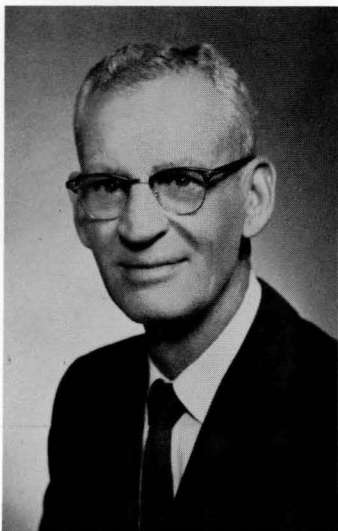
Coach Carr is always willing to give of his time and effort for the men and the school.



James H. Carr

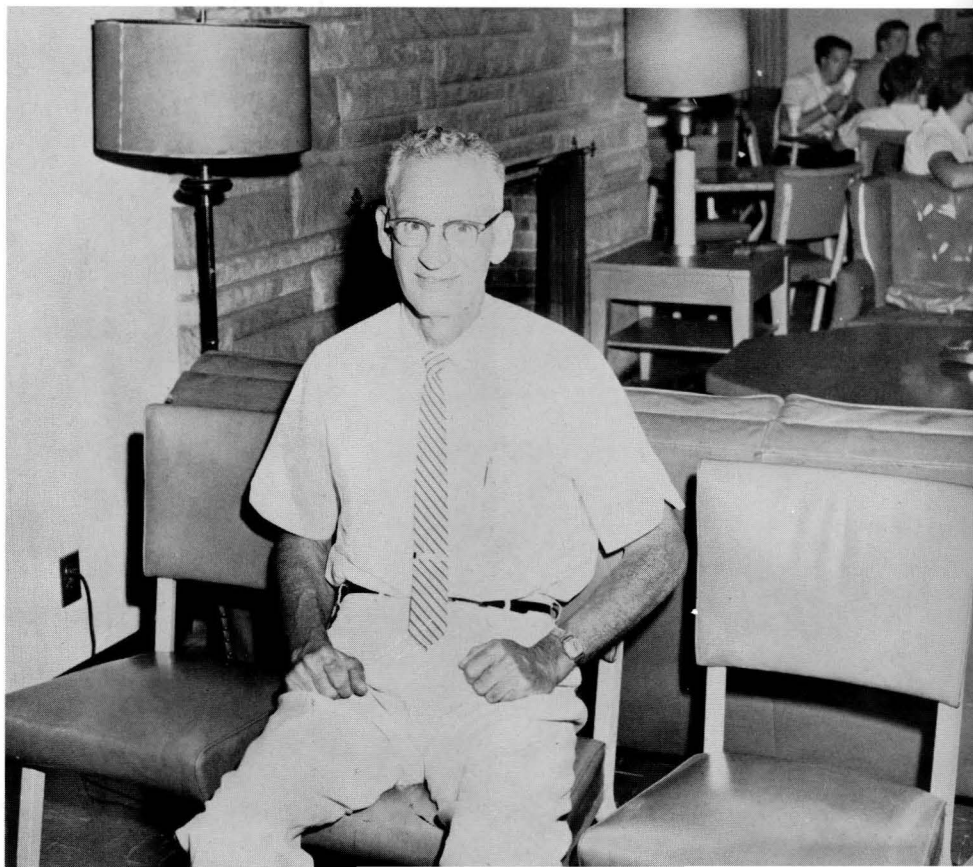
Athletic Director; B.S., Indiana State Teachers College; M.S., Indiana State Teachers College; Blue Key.

A familiar face wherever there is an athletic event to be planned or played.



Max Kidd

Football and Track Coach; Intramural Athletic Director; A.B., Indiana University; Acacia.



SCORE BOARD

FOOTBALL 1960

Rose.....14	Illinois College.....20	Rose.....0	Earlham.....38
Rose.....6	Eureka.....6	Rose.....12	Principia.....33
Rose.....0	Concordia.....14	Rose.....0	Franklin.....65
Rose.....19	Elmhurst.....6		

Season record: 1 win, 1 tie, 5 losses

BASKETBALL 1960-1961

Rose.....50	Eureka.....58	Rose.....67	Greenville.....87
Rose.....45	Illinois College.....57	Rose.....52	Marian.....72
Rose.....49	Vincennes.....82	Rose.....57	Oakland City.....74
Rose.....69	Principia.....52	Rose.....58	Principia.....51
Rose.....61	McKendree.....77	Rose.....46	McKendree.....84
Rose.....64	Illinois College.....63	Rose.....70	Blackburn.....61
Rose.....51	Eureka.....71	Rose.....69	Greenville.....81
Rose.....58	Earlham.....79	Rose.....59	Blackburn.....66

Season record: 4 wins, 12 losses

BASEBALL

1960

Rose.....6	Marian.....8
Rose.....9	Marian.....25
Rose.....8	Indiana Central.....4
Rose.....2	McKendree.....9
Rose.....5	McKendree.....4
Rose.....5	Greenville.....1
Rose.....6	Greenville.....8
Rose.....4	Kranklin.....9
Rose.....5	Illinois College.....6
Rose.....4	Illinois College.....2
Rose.....3	Principia.....6
Rose.....2	Principia.....8

Season record: 4 wins, 8 losses

1961

Rose.....3	Marian.....8
Rose.....1	Marian.....5
Rose.....2	Franklin.....6
Rose.....1	McKendree.....6
Rose.....1	McKendree.....14
Rose.....1	Principia.....7
Rose.....9	Principia.....6
Rose.....3	Franklin.....17
Rose.....4	Illinois College.....5
Rose.....3	Illinois College.....5
Rose.....3	Greenville.....6
Rose.....7	Greenville.....3

Season record: 2 wins, 10 losses

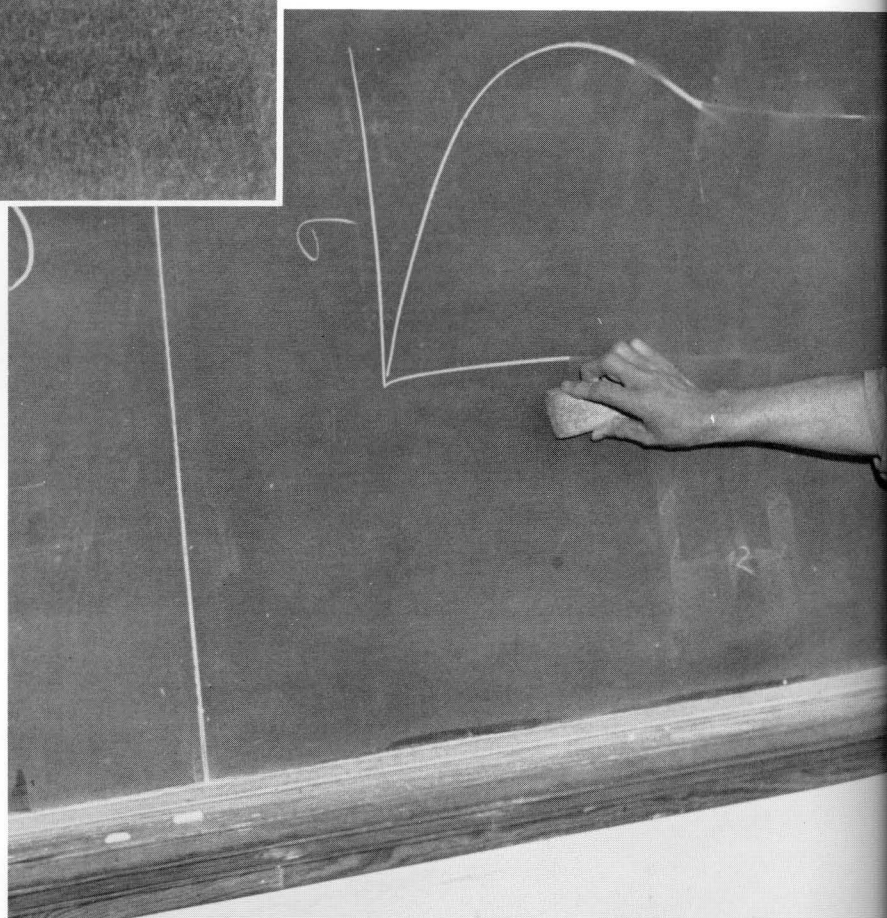
TRACK

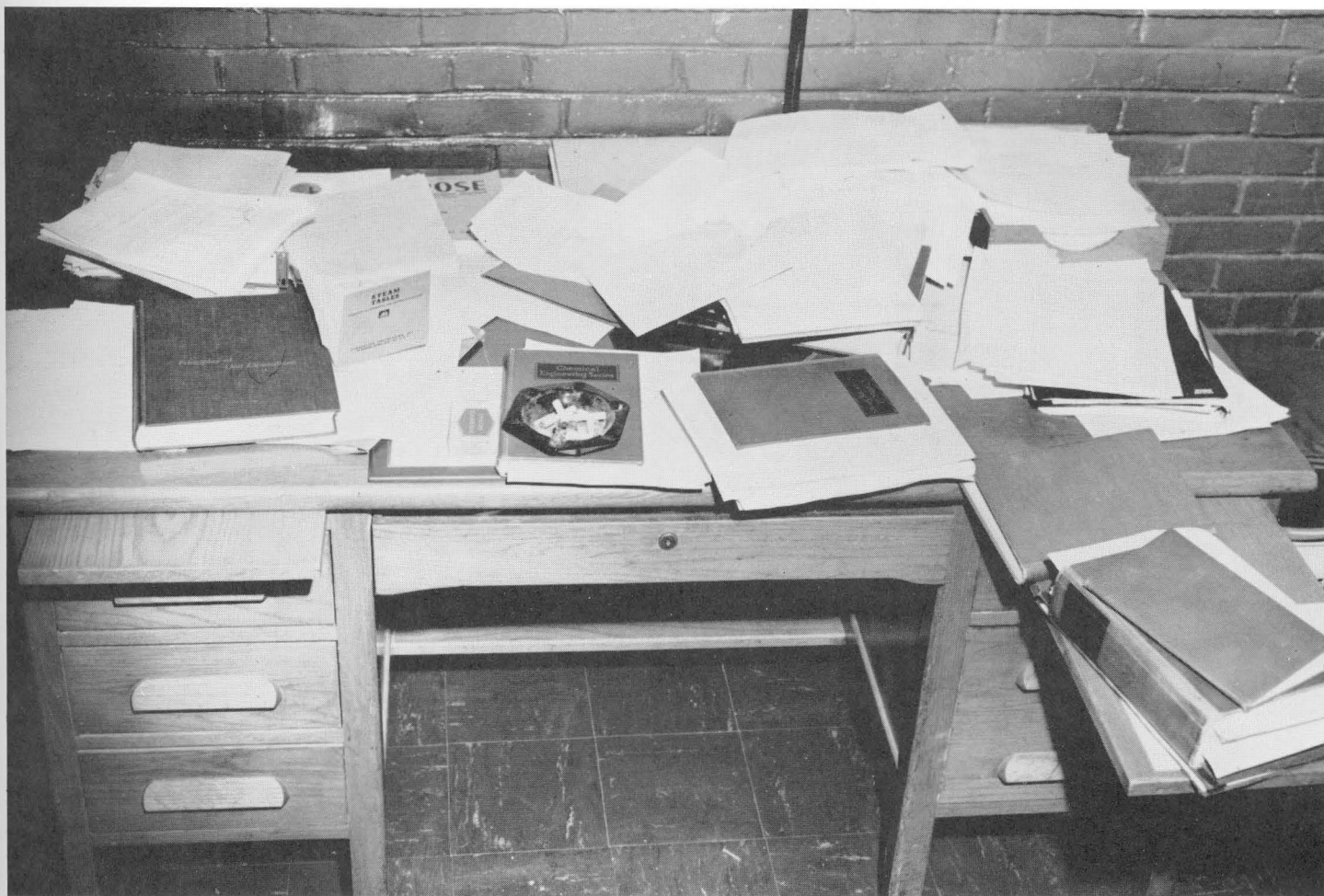
1960

Earlham 70, Rose 34
Millikin University 85, Rose 43, MacMurray College 36
Rose Relays: 9 schools entered, Earlham 63½, Rose 6th 17¼
St. Joseph 67, Rose 62
Rose finished third in Prairie College Conference Meet
Indiana Central 85, Anderson 53, Rose 34

1961

Millikin University 116, Rose 29, MacMurray 16
Rose 72, St. Joseph 44, Eureka 40
Franklin 69½, Rose 51, St. Joseph 41½
Taylor 58½, Rose 45½, Concordia 43½, Greenville 18 5/6
Millikin 108½, Rose 35½, Evansville 5
St. Joseph 90, Rose 46, Ind. Tech. 23
Rose finished third in the Prairie College Conference Meet





ACADEMICS

The backbone of Rose is its faculty. Nowhere will one find a group more devoted, not just to teaching, but to taking a personal interest in each student. It is because of these men that Rose will continue to grow in stature.



The informal atmosphere makes learning a lot easier in the Chemical Engineering Department.

CHEMICAL ENGINEERING

Each year as research chemists discover new processes, the demand for chemical engineers increases. The chemical engineer must understand many basic processes and be able to apply his knowledge so that he may be able to transform a small scale operation into the multimillion dollar industrial processes. It is the object of the Chemical Engineering Department

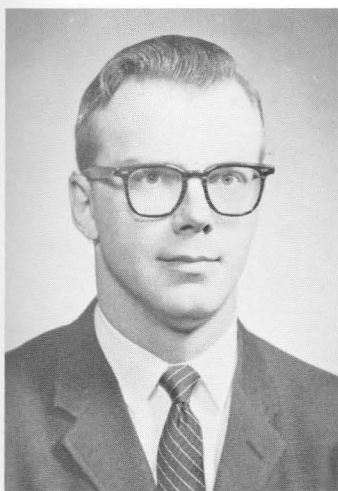
to teach a basic understanding of the chemical changes in industries such as petroleum, rubber, plastics, synthetic fiber, and many others.

Located at the rear of the main building is the chemical engineering laboratory. Here students come into contact with the essential equipment to the chemical engineer; equipment such as heat exchangers, evaporators, distilling columns, and various other tools of the chemical engineers.

The department staff, headed by Dr. J. Nelson Reeds, gives each student capable instruction, preparing him to meet the multitude of problems he will have to face in industry. Whether he chooses research, development, design, production, or sales and management, the Rose student will be prepared to fill the most responsible positions in his field.



Dr. Reeds orders some new equipment for the unit operations lab.



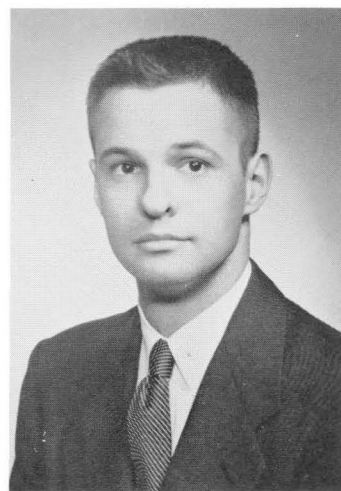
J. NELSON REEDS

Professor of Chemical Engineering and Head of the Department; B.S., State University of Iowa; M.S., State University of Iowa; Ph.D., State University of Iowa; Phi Lambda Upsilon; Sigma Xi; Tau Beta Pi.



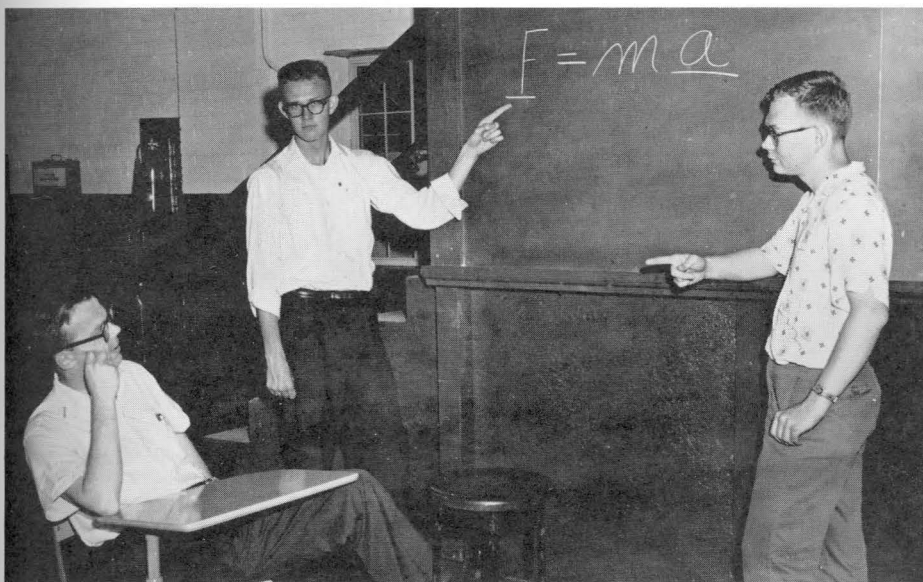
ANTHONY G. BLAKE

Associate Professor of Chemical Engineering; B.S., Rose Polytechnic Institute; M.S., Massachusetts Institute of Technology; Alpha Chi Sigma; Theta Xi.



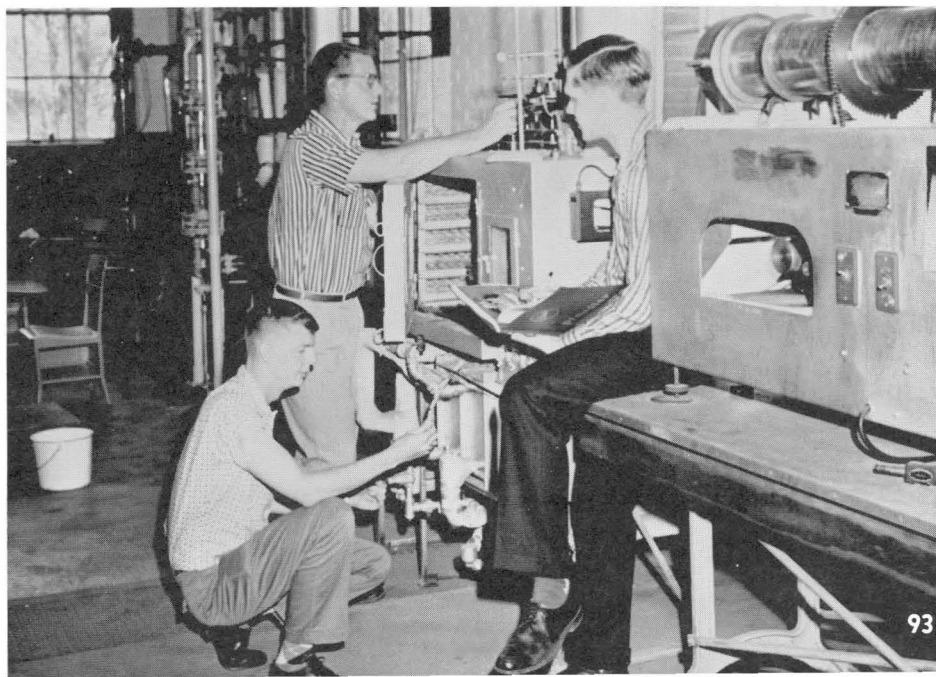
WARREN W. BOWDEN

Assistant Professor of Chemical Engineering; B.S., University of Maine; M.S., Rose Polytechnic Institute; Tau Beta Pi.



Prospective chemical engineering students, Dick Jensen and George Holland, consult Dr. Reeds for some help on a problem.

Readings on the forced air dryer are taken by Warren Griffith, Bill Carter, and Ray Clark.





Too bad all the problems these junior civils encounter won't be as simple as the one Professor Duwelius has on the board.

CIVIL ENGINEERING

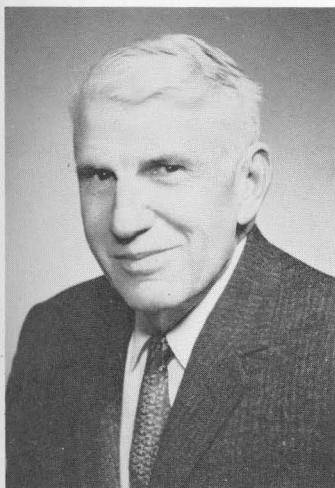
In a day and age when public and private works are growing at a tremendous rate, the demand for civil engineers is growing proportionally. Civil engineering, the oldest branch of engi-

Professor MacLean, head of the Civil Engineering Department, grades some reports.



neering, is well represented at Rose. The curriculum is designed to give the student a basic understanding of the engineering sciences, and to introduce him to the principles of design, construction, and operation of public and private works, in any of the divisions of civil engineering, such as sanitary, structural construction, or hydraulic engineering.

The civil lab, located near the front of the main building, gives the "civils" experience in a variety of experiments. Included in the lab are several compression machines, an excellent fluids lab, a sanitary lab, and a soil mechanics lab. All fields of civil engineering are well represented, and upon graduation the civil engineer is well prepared for a career with an industry, governmental agency, or a consulting firm.



EDWARD A. MacLEAN

Professor of Civil Engineering and Head of the Department; B.S., University of Maine; M.S., University of Illinois; Tau Beta Pi.



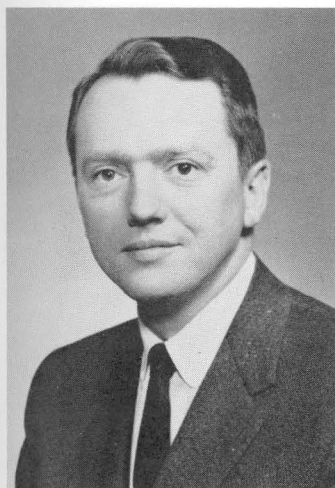
THOMAS A. DUWELIUS

Associate Professor of Civil Engineering; B.S., Rose Polytechnic Institute; M.S., University of Illinois; Tau Beta Pi; Alpha Tau Omega.



RICHARD H. F. PAO

Professor of Civil Engineering; B.S.C.E., St. John's University; M.S., University of Illinois; Ph.D., University of Illinois; Tau Beta Pi; Sigma Xi; Pi Mu Epsilon.

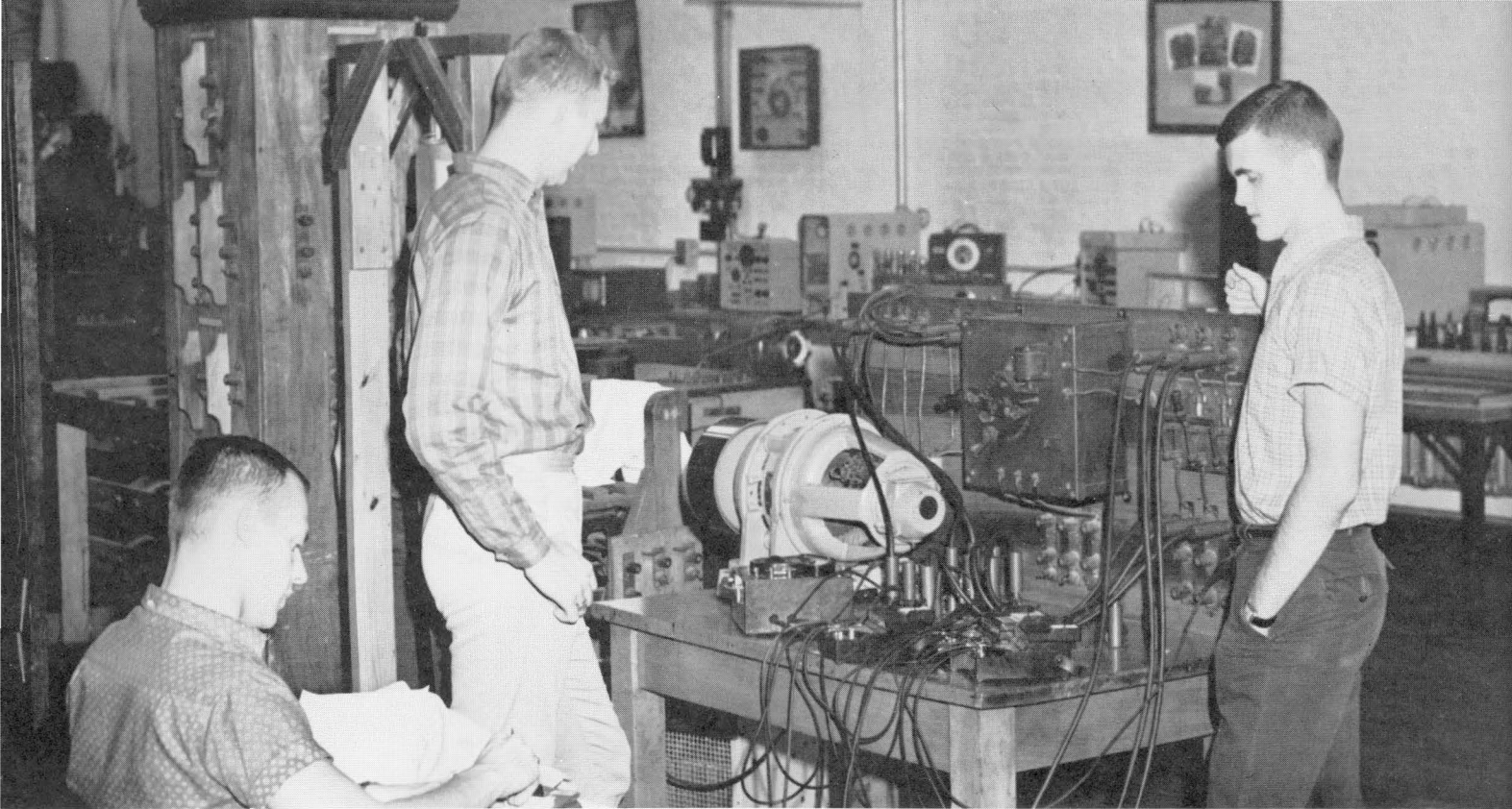


ROBERT M. ARTHUR

Assistant Professor of Civil Engineering; B.A., Ripon College; B.S., Northwestern University; M.S., Harvard University.



The fluids lab is invaded by the junior electricals.

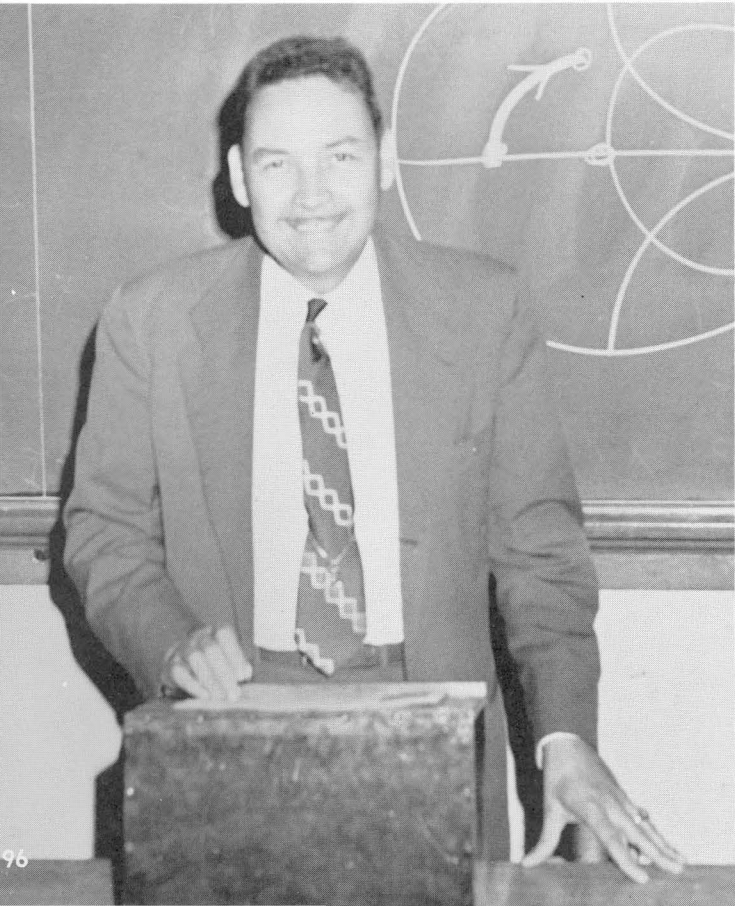


Out of the maze of wiring Larry Myers, Vern Gross, and Gale Hurst hope to glean enough data for a good lab.

ELECTRICAL ENGINEERING

Basic electrical principles are being used in laboratories daily to formulate new ideas for advancement of our country as a commercial, scientific, and military power. The basic principles of electrical circuits, direct and alternating current machines,

Dean Moench in his natural surroundings, behind the lecture stand.



electronics, the transmission of electrical waves, and processing of information become the language of the electrical waves.

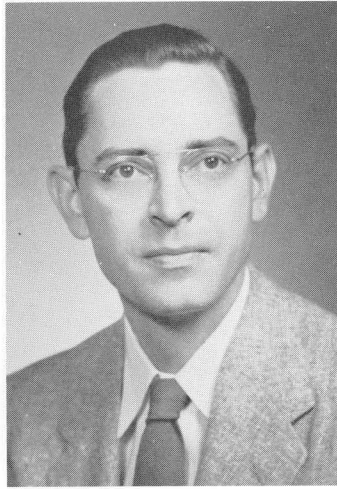
Electrical engineering at Rose offers a broad education in the many applications of electricity such as power, communications, and electronics. Man-made satellites, new means of communications, and generation, transmission, and utilization of electrical energy provide technical problems for the electrical engineer. The importance of the application of electron devices to a wide range of problems is realized by all electrical engineers.

Graduate work, leading to a Master of Science degree, is offered in electrical engineering, emphasizing mathematics, physical science, and the engineering sciences. Departmental courses emphasize linear and nonlinear circuit theory as well as information processing.



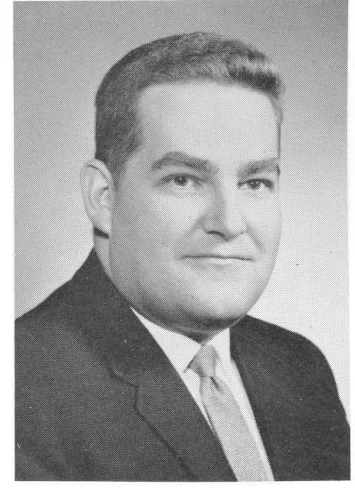
HERMAN A. MOENCH

Dean of Engineering; Professor of Electrical Engineering and Head of Department; B.S., Rose Polytechnic Institute; M.S., University of Michigan; Tau Beta Pi; Sigma Xi; Blue Key.



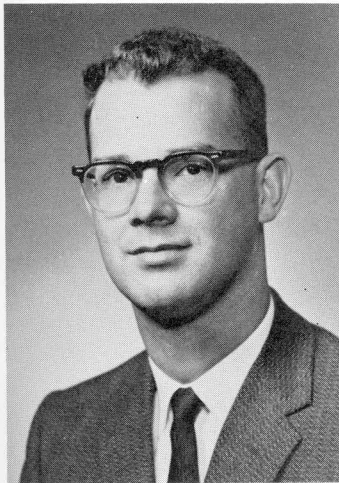
DARRELL E. CRISS

Associate Professor of Electrical Engineering; B.S., Rose Polytechnic Institute; M.S., Ph.D., University of Illinois; Tau Beta Pi; Sigma Xi.



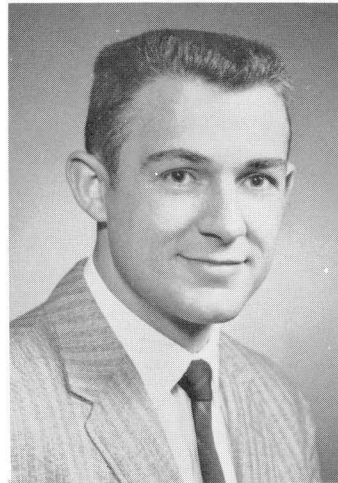
CHARLES C. ROGERS

Assistant Professor of Electrical Engineering; Ph.D., Purdue University; Tau Beta Pi; Sigma Xi.



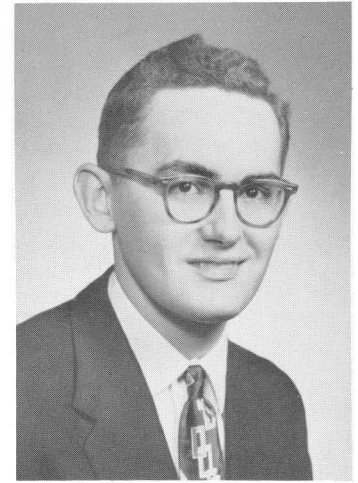
KENNETH R. CARR

Instructor in Electrical Engineering; B.S., University of Illinois; M.S., University of Illinois; Eta Kappa Nu; A.S.E.E.; A.I.E.E.



DONALD R. STANG

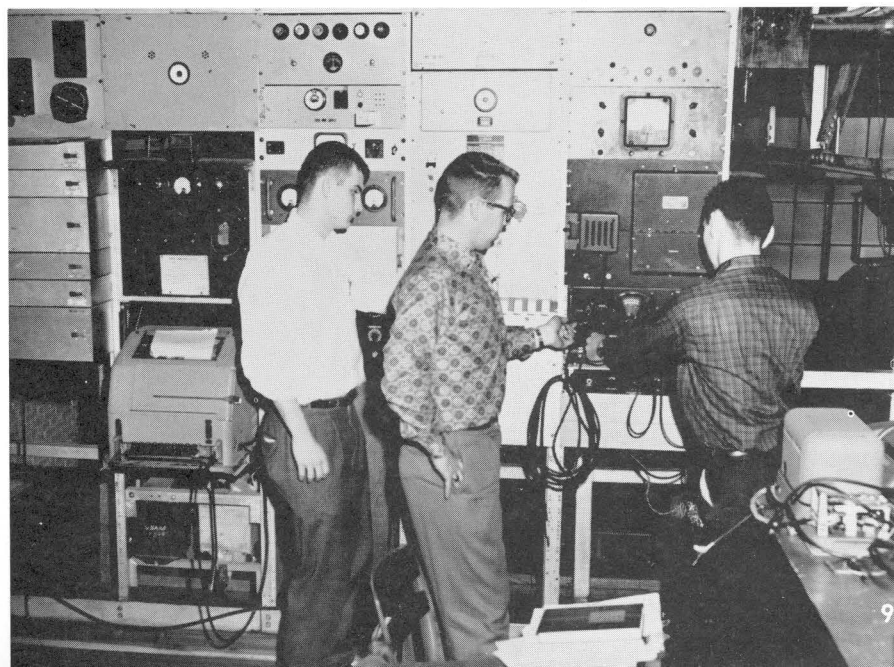
Instructor in Electrical Engineering; B.S., Kansas State University; M.S., Kansas State University; Eta Kappa Nu; Sigma Tau; Phi Kappa Theta.



JOHN H. DERRY

Instructor in Electrical Engineering; B.S., Rose Polytechnic Institute; M.S., Purdue University; Tau Beta Pi.

Senior electricals, Al Raquet, Jack Gilmour, and Charlie Smith, adjust the frequency in a communications receiving device.

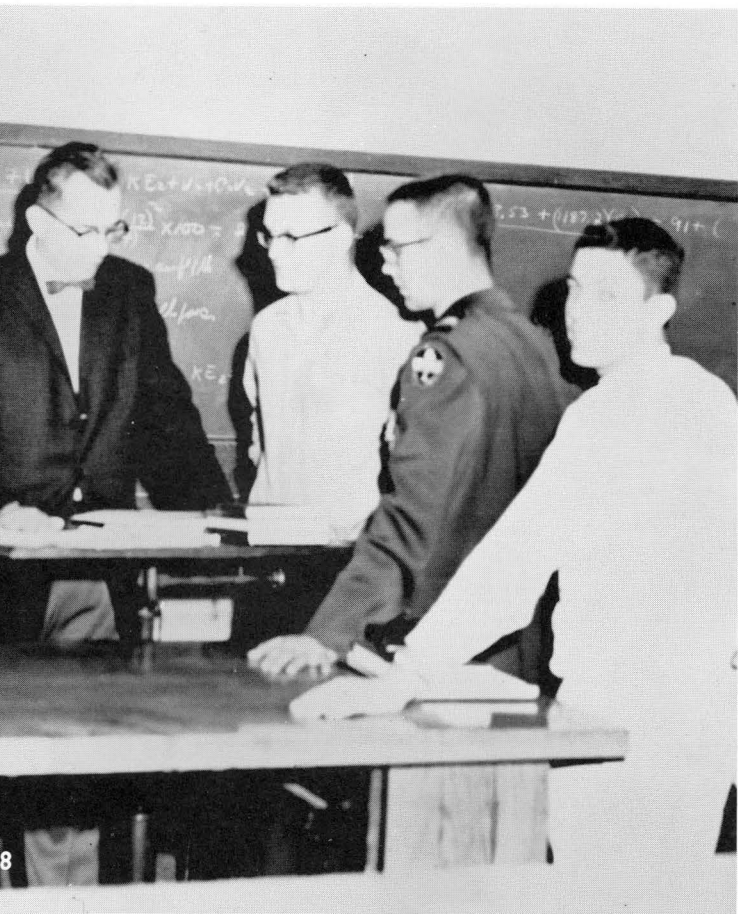




All the junior mechanicals get an opportunity to run the G.E. steam turbine.

MECHANICAL ENGINEERING

Professor Hooper explains a thermo problem to Fred Terry, Dick Mills, and Al Jannasch.

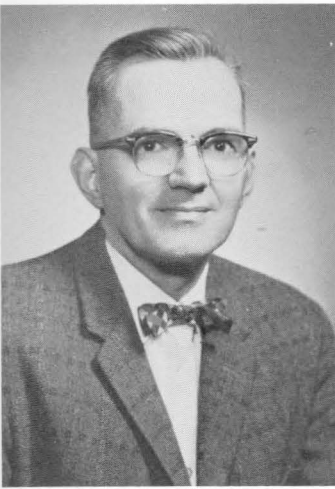


Increased automation increases the need for mechanical engineers in this scientific world of ours. The basic work of solving industrial problems, harnessing new sources of power, and controlling and applying new developments presents an everlasting challenge to the mechanical engineer.

Rose gives mechanical engineering students a preparation for the functional field of engineering. Major emphasis is placed on the design and analysis of machines and their components, the transfer and transformation of energy and the utilization of production equipment in manufacturing.

Graduate work leading to the Master of Science degree is offered in mechanical engineering, with major emphasis on mathematics, physical science, and the engineering sciences.

Future improvements and expansion include a new astrophysics building, which will serve as an astronomical laboratory and observatory as a part of the work in the research of the mechanical engineering department. This department will be responsible for all the courses with which this building will be concerned.



IRVIN P. HOOPER

Professor of Mechanical Engineering and Head of Department; B.S., Tufts University; M.S., University of Vermont; Tau Beta Pi; Alpha Tau Omega; Engineers Registration Board; A.S.M.E.; A.S.E.E.; A.A.U.P.



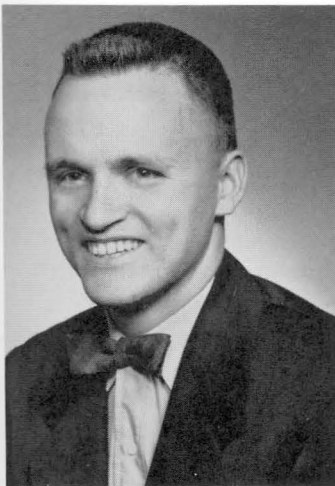
EDWARD H. ECKERMAN

Professor of Mechanical Engineering; B.S., Rose Polytechnic Institute; M. of Eng., Yale University; Tau Beta Pi; Blue Key; Sigma Xi; Alpha Tau Omega.



HAROLD L. NEWPORT

Assistant Professor of Mechanical Engineering; B.S., Purdue University.



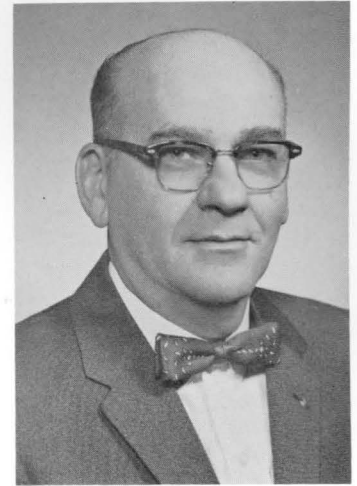
JAMES B. MATTHEWS

Assistant Professor of Mechanical Engineering; B.S., Rose Polytechnic Institute; S.M., Massachusetts Institute of Technology; Blue Key; Alpha Tau Omega A.S.M.E.; A.S.E.E.



ROBERT STEINHAUSER

Instructor of Mechanical Engineering; B.S., Rose Polytechnic Institute; M.S., Stanford University; Tau Beta Pi; Theta Xi; A.S.M.E.



EUGENE W. CLEHOUSE

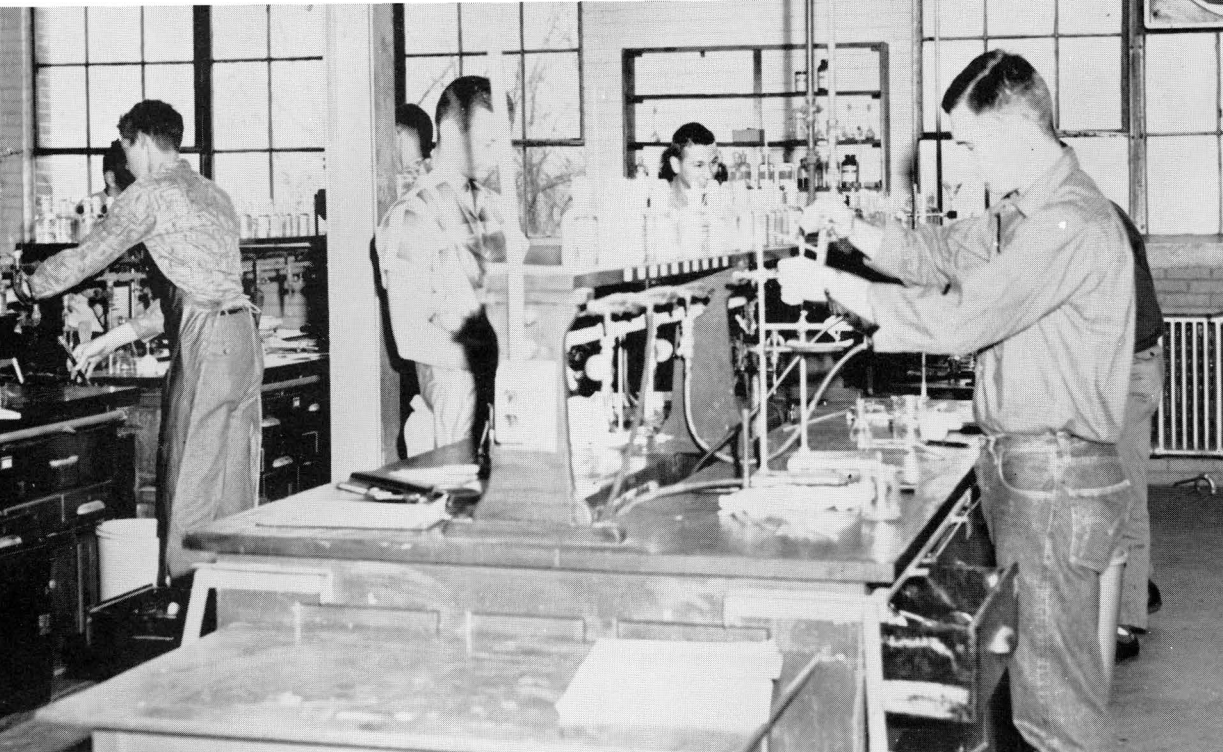
Instructor of Mechanical Engineering; B.S., Indiana State Teachers College; Epsilon Pi Tau.

Theoretical knowledge and practical experience combine in the test on the Reeves variable speed drive being tested by Ron Roberts, Bob Ransford, and Dick Pike.



Ed Ayers, Jack Bott, Tom Bedwell, and Bill Fenoglio take readings on the performance of the Cumming's Diesel.





The chemistry lab becomes the "second home" of the organic students.

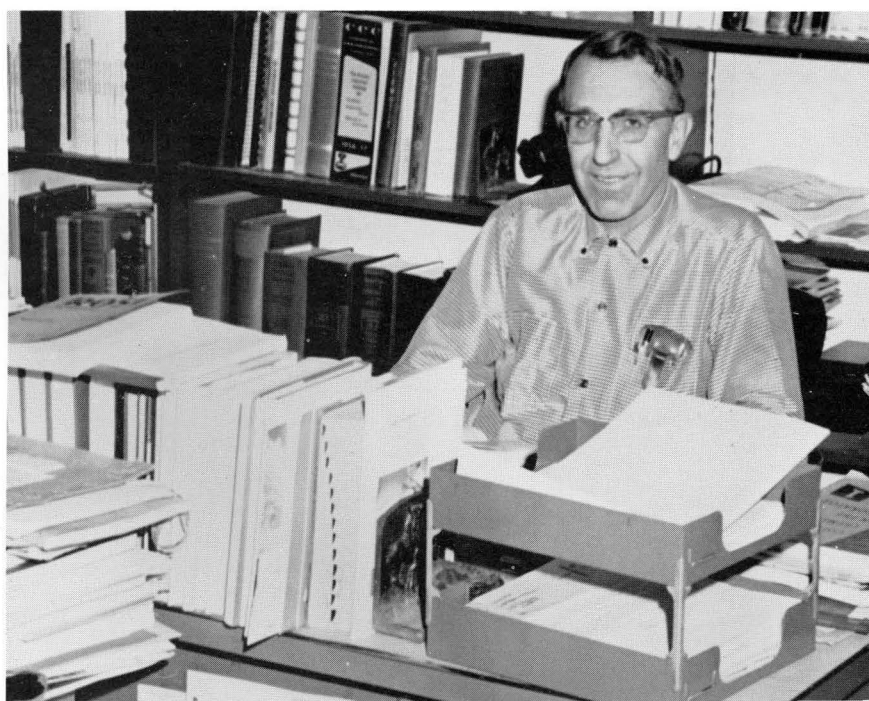
CHEMISTRY

The Chemistry Department is located at the rear of the main building. Freshmen become well acquainted with this department while being instructed for two full semesters in general chemistry. For those who wish to pursue chemistry further, the school now offers a B.S. degree in chemistry.

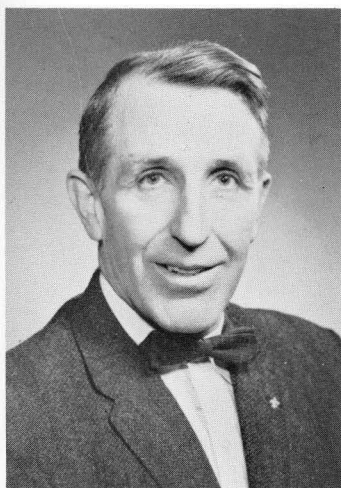
The course in chemistry is designed to impart to the student a knowledge of the physical and chemical properties of the elements and compounds as well as their source, preparation, detection, and uses. Library research is encouraged during the junior and senior years.

In the senior year the chemistry course offers freedom for electives and an opportunity for specialization in selected fields of chemistry. The chemistry course prepares the student for graduate school or industry as a chemist doing research, supervisory, or control work.

Graduate work leading to the degree of Master of Science is presently offered in chemistry. Further specialization is permitted and a thesis based on an approved research project is required for the degree.

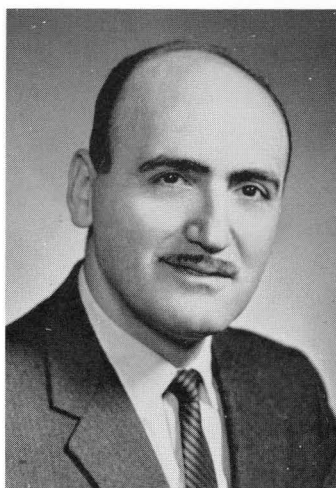


The MODULUS camera catches Dr. Knudsen in one of his few leisure moments.



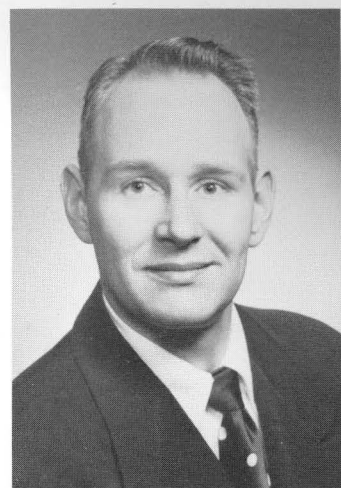
ORAN M. KNUDSEN

Professor of Chemistry and Head of the Department; B.S., University of Wisconsin; Ph.D., New York University; Sigma Xi; Alpha Sigma; Phi Lambda Upsilon; Lambda Chi Alpha.



BENJAMIN S.
BENJAMINOV

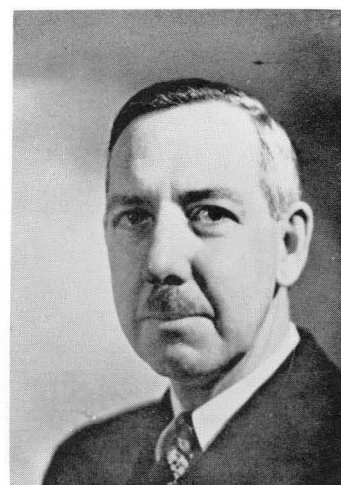
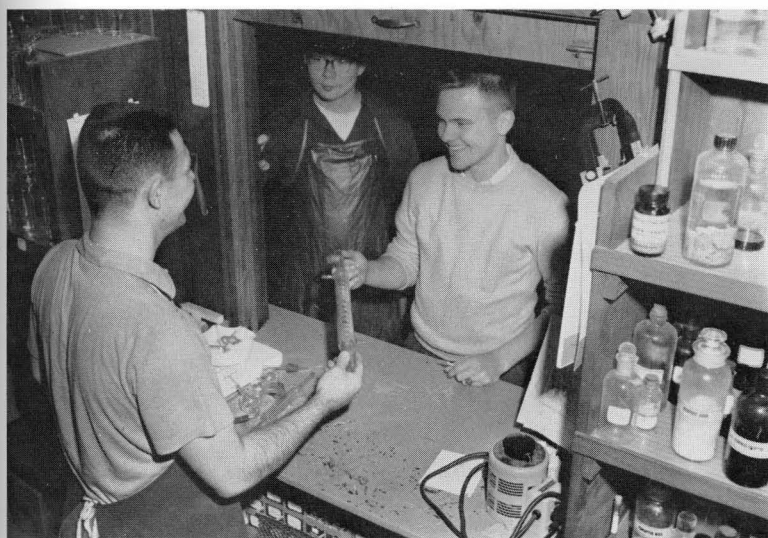
Associate Professor of Chemistry; B.A., University of Kansas; M.S., Allegheny College; Alpha Sigma Pi.



FRANK A. GUTHRIE

Assistant Professor of Chemistry; A.B., Hanover College; M.S., Purdue University; Sigma Xi; Phi Lambda Upsilon; Delta Epsilon; Phi Gamma Delta.

Clyde Metz handles the stockroom duties and supplies Bruce McEwan and George Holland with needed equipment.



JULIAN DALE

Research Professor of Chemistry; B.A., Princeton University; M.A., Princeton University; Ph.D., Princeton University.

Mike Hmurovich has plenty of opportunity to become familiar with the analytical balance in his quantitative analysis class.





Jack Riley, Russ Archer, and Professor Maudlin unwrap the computer for another busy day.

MATHEMATICS

Professor Palmer is a very busy man.

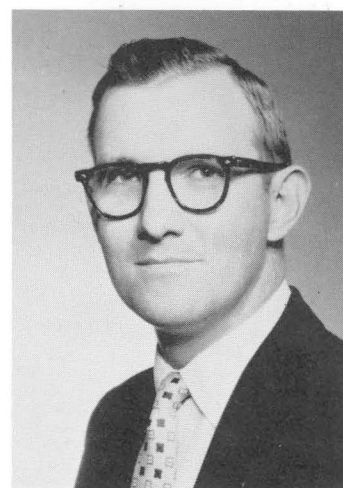


The math department, originally a complementary department to the pursuit of engineering degrees, has made more changes in recent years than any other department in the Institute.

There have been frequent revisions of the content and order of presentation of the material in the required courses in order to keep pace with the changing tempo of engineering education. Also, there has been the introduction of the mathematics curriculum leading to the B.S. in mathematics. This year sees the graduation of the first class to whom this curriculum was regularly available.

An extension of the electives offered was made with special attention to those interested in making good use of mathematics in engineering analysis and design, and in readying themselves to make good use of digital computers.

All this has resulted in the growth of the department. The efforts in the future will include consolidation of advances already made, and a further effort toward solving the problem of attrition by research on methods of classroom presentation.



RALPH M. ROSS

Professor of Mathematics and Director of Dormitories; B.A., DePauw University; M.A., Indiana University; Phi Delta Kappa; A.S.E.E.

ALFRED R. SCHMIDT

Associate Professor of Mathematics; B.S., Rose Polytechnic Institute; M.S., Purdue University; Tau Beta Pi; Sigma Xi; Lambda Chi Alpha.

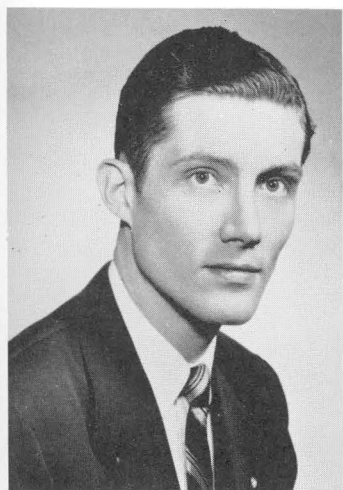


THEODORE P. PALMER

Professor of Mathematics, Head of the Department and Director of Edward G. Waters Computing Center; B.A., Amherst College; A.M., Harvard University; Theta Delta Chi; A.S.E.E.

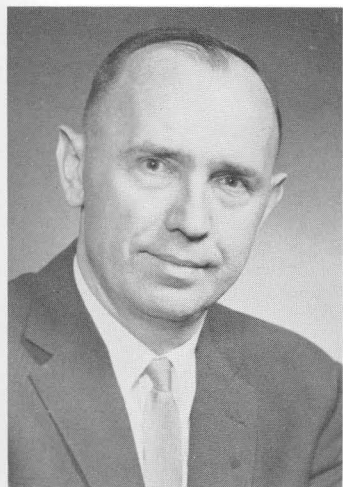
FREDERIC C. BARNETT

Assistant Professor of Mathematics; B.S., Bradley University; M.S., University of New Mexico; Kappa Mu Epsilon; Delta Epsilon; Phi Gamma Delta.



CHARLES E. MAUDLIN, JR.

Instructor in Mathematics; B.S., Indiana State Teachers College; M.S., Indiana State Teachers College; Alpha Tau Omega.



SALIMONS CACS

Assistant Professor of Mathematics; M.S., University of Latvia.



Dr. Meeks checks out the circuit for Bill Brown and Ron Johnson during a potentiometer experiment.

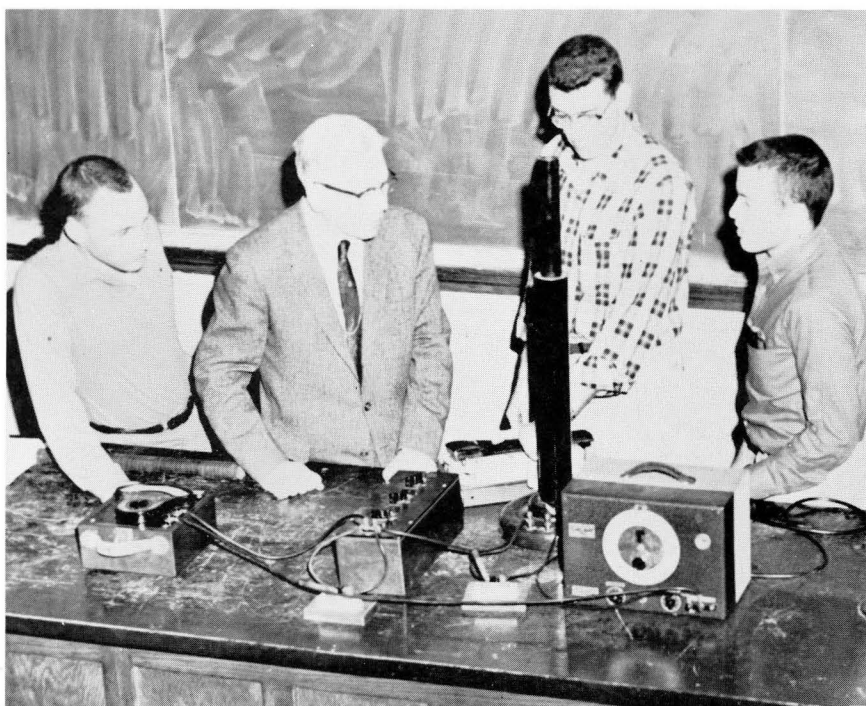
PHYSICS

Within the past few years, the Physics Department at Rose has taken on a new outlook. Whereas in former years the physics program was a basic course for preparation in the engineering fields, it now also leads to a B.S. degree for those students who wish to major in physics.

All students are required to take three semesters of general physics, which includes mechanics, heat and electricity, and light. These subjects give the student a basic understanding of the fundamentals of physics which are required in the engineering courses. The course of study in physics is designed to give the student a basic understanding of the introductory

principles of modern physics, with the emphasis on preparation for successful graduate study.

For students who do not plan to enter graduate school, the physics curriculum offers a substantial number of electives in the engineering departments. The broad background acquired in such classes is quite valuable in industry where it can be applied in laboratories and in advanced design and development work. The physics program at Rose is gradually growing, as the second class of physics majors graduates in 1961.

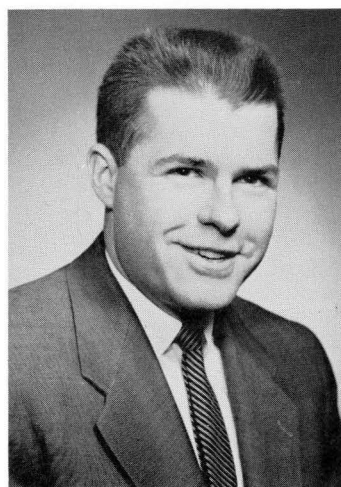


A fine point in electromagnetic theory is explained to Greg Bolt, Phil Chute, and Marvin Barkes by Professor Mason.



WILKISON MEEKS

Professor of Physics; Chairman of the Department of Physics; B.A., Maryville College; M.S., Northwestern University; Ph.D., Northwestern University; Sigma Xi.



JOHN C. HEGARTY

Instructor; A.B., Boston College; M.S., University of Maryland; Sigma Pi Sigma.



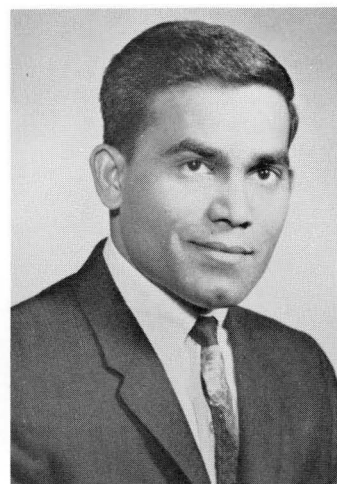
C. LeROY MASON

Associate Professor of Physics; Ph.B., University of Wisconsin; M.A., University of Wisconsin; Phi Beta Kappa.



PAUL R. MASON

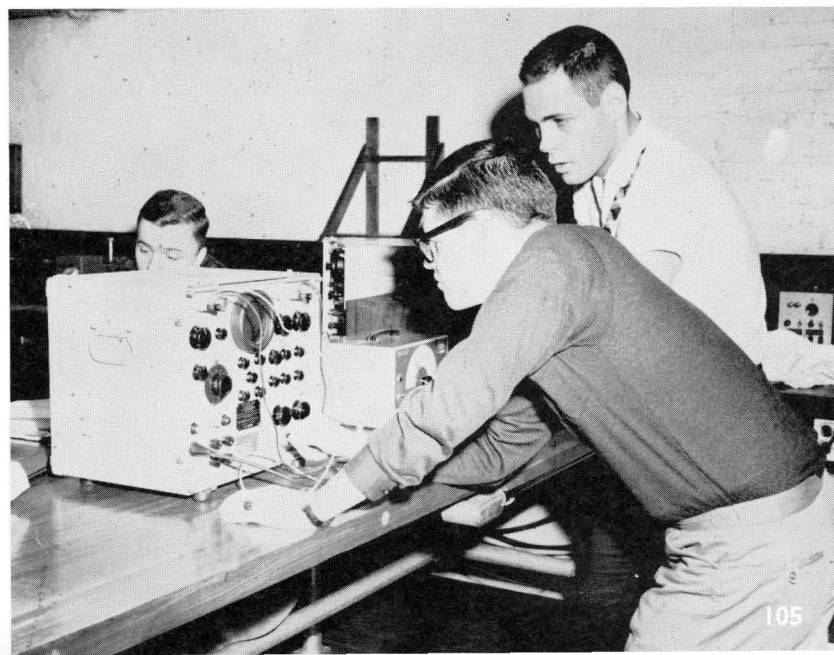
Instructor; B.S., Rose Polytechnic Institute; M.S., Indiana University; Tau Beta Pi; American Physical Society.

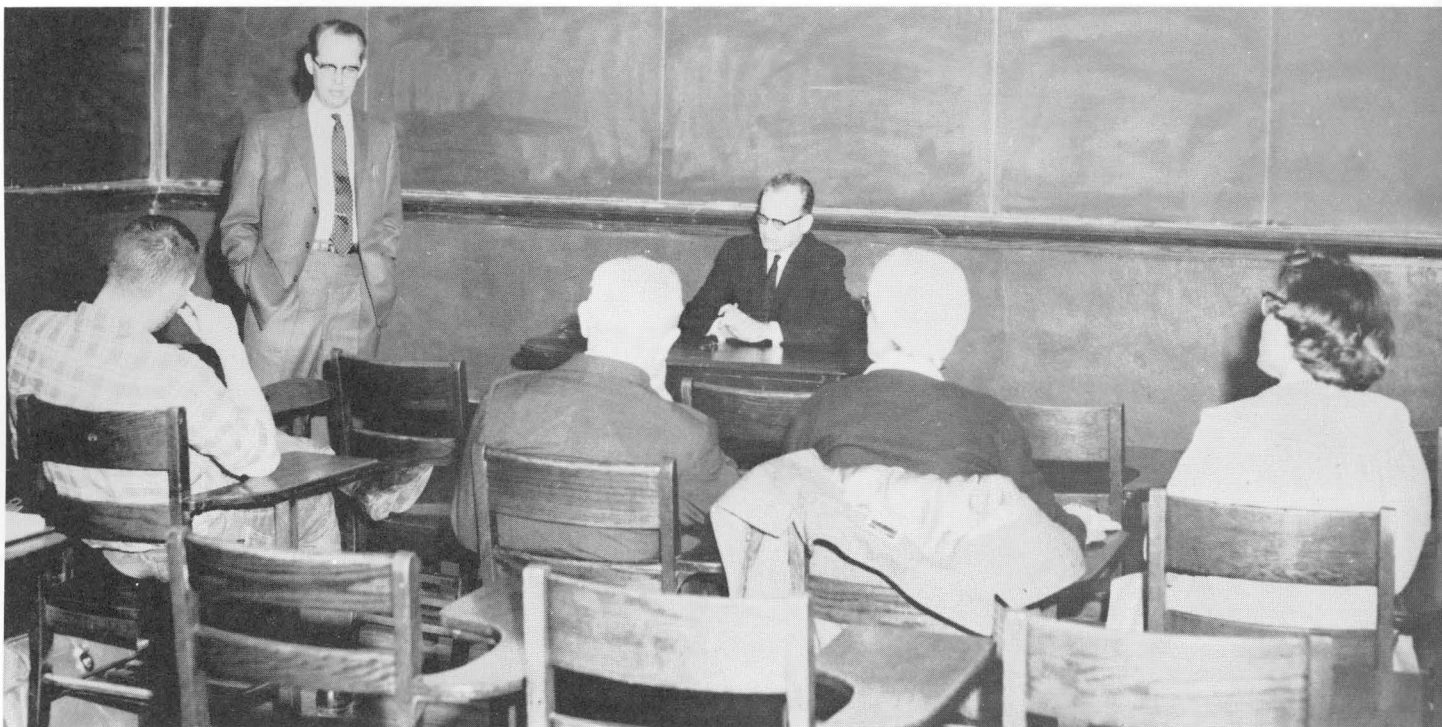


**MOHAMMED
KHURSHID ALAM**

Instructor; B.S., University of Sind (Pakistan); M.S., University of Colorado.

Sophomores Dan Little and Dave Dumford conduct an experiment on sound reflection.





Professor Haist introduces a guest speaker in one of the economics seminars.

HUMANITIES

Tom Fenoglio and Bob Stoutenour discuss a story for English.



The "Humanities" Department has the job of giving Rose's prospective engineers an education in the humanities and social sciences. The importance of economics, English, psychology, and other areas of general study to the engineer cannot be emphasized too much. These courses, many taken as electives, serve this purpose very well.

The main objective of the "Humanities" Department is to develop the student's skill in the use of the English language, both in his writing and speech. Since every engineer must be able to converse with his fellow engineers and report his ideas and findings, considerable time is spent preparing the student to handle reports, both oral and written. The "Humanities" instructors are trying to develop an understanding of our increasingly complicated economic system and the student's knowledge and appreciation in the fields of geography, history, and modern languages.

Rose is fortunate to have a well qualified staff in humanities and social sciences who strive to graduate engineers who can communicate easily and effectively.



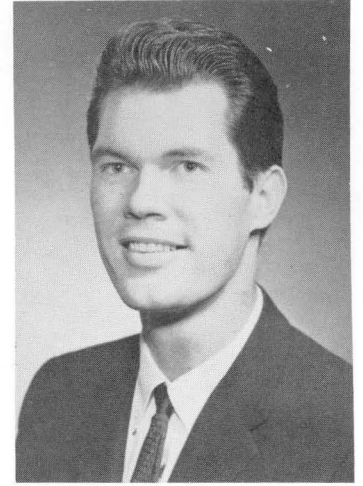
GORDON K. HAIST

Acting Head, Department of Humanities and Social Sciences; B.A., North Central College; M.A., Northwestern University; National Council of Teachers of English.



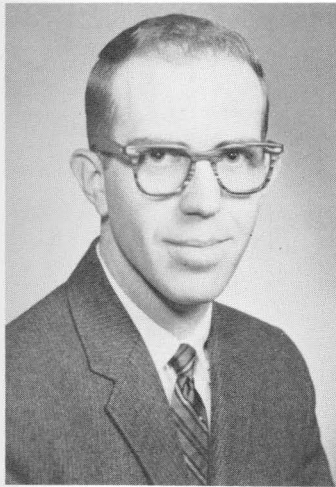
CARL MUNSEL

Assistant Professor of Modern Languages; A.B., Capital University; LL.B., Ohio State University; M.A., Ohio State University; M.A., Columbia University; Delta Phi Alpha.



REID BUSH

Instructor; B.A., Harding College; M.A., Indiana University.



E. DUANE ELBERT

Instructor in Humanities; B.S., Illinois State Normal University; M.A., Indiana University; Phi Gamma Mu; Phi Alpha Theta.

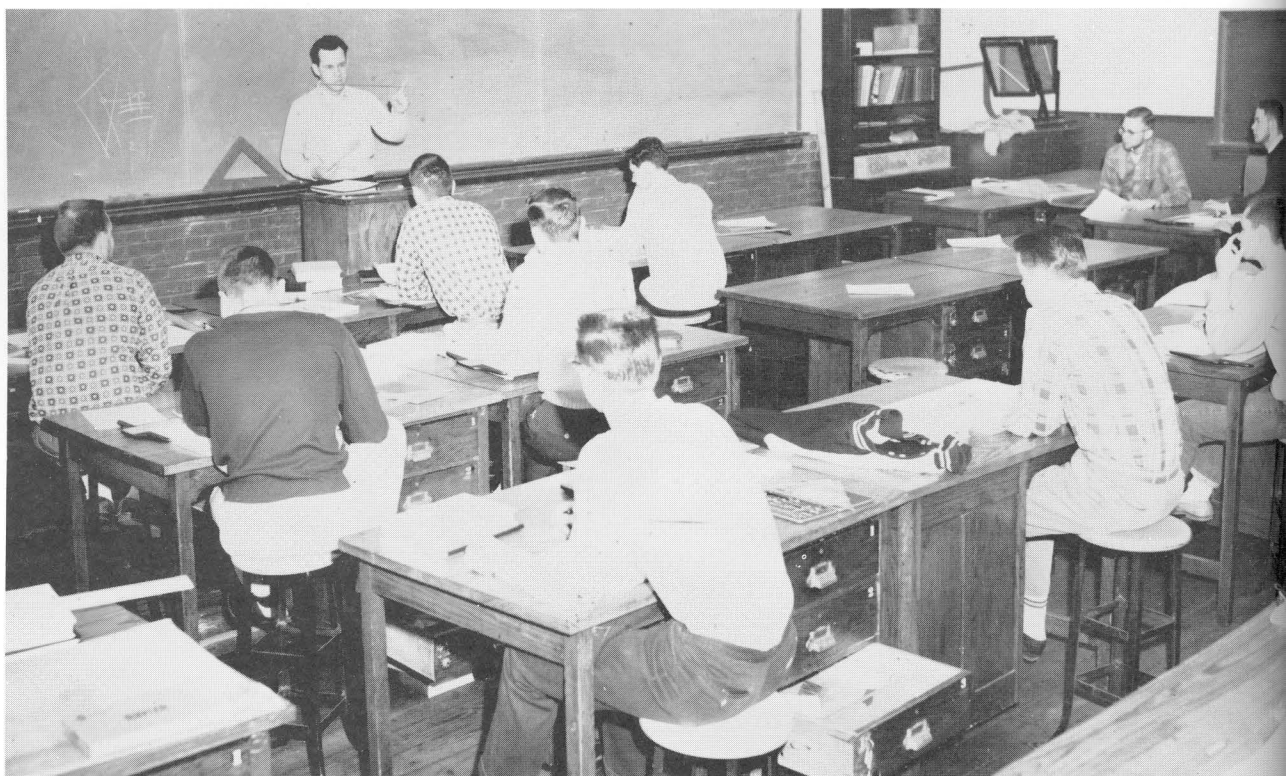


Jerry Nika, Andy Breece, and John Portlock make use of the department's tape recorder to study German.



JOHN G. BIEL

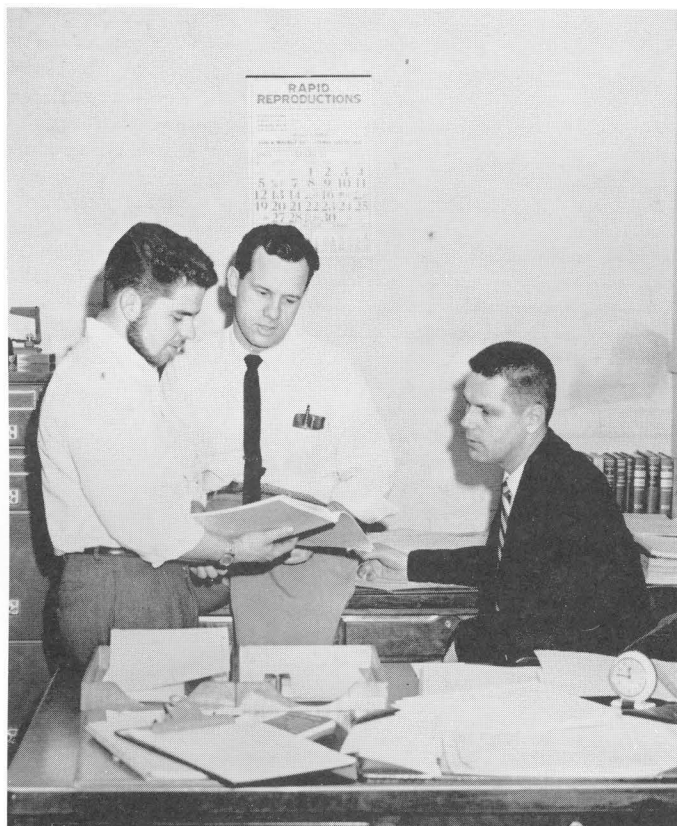
Lecturer in Business Law and Economics; B.S., Indiana University; LL.B., Indiana University.



Descriptive geometry helps develop the freshman's sense of spacial relations.

DRAWING

Dick Swan submits a homework problem to the experts," Prof. Tinker and Prof. Gurbach.



The Drawing Department offers Rose students seven credit hours of study, five of which are required for Freshmen. These courses serve as a solid background for the arts of three dimensional visualization and the materializing of mechanical ideas on paper. These arts are required for graduation in all seven curricula and are excellently taught by capable instructors.

The drawing rooms are located in the southeast part of the Main Building. They have been recently remodeled and are well-lit, well-ventilated rooms.

At the present time the department is concentrating mainly on teaching Freshmen how to visualize figures in space, read blueprints and drawings, and put ideas for machines and apparatus comprehensively on paper. In the future the trend will be toward more sketching and increased emphasis on perception and projection.



**NORWOOD E.
BAUGHMAN**

Associate Professor of Drawing and Descriptive Geometry and Head of Department; B.A., Michigan State University; M.S., Purdue University.



ROBERT N. TINKER

Assistant Professor of Drawing and Descriptive Geometry; B.A., Michigan State University; M.S., Purdue University.



THOMAS W. GURBACH

Assistant Professor of Drawing and Descriptive Geometry; B.S., Indiana State Teachers College; Phi Delta Kappa; Epsilon Pi Tau.

Freshmen Al Wright and John Sauser learn to use the reproduction equipment.



Co-operation solves the problem quicker.



The Rose Rifles perform at an Armistice Day Ceremony at Meadows Shopping Center.

MILITARY

Colonel Walker writes a lesson plan for a class in leadership.



For many years the R.O.T.C. program has been a vital part of Rose's scholastic curriculum. It offers to the student a means of completing his military obligation and also developing the qualities of leadership and initiative. These qualities will be helpful in his later military and business careers.

Each week all freshmen and sophomore students participate in two hours of class and, weather permitting, two hours of drill. At the end of this two year period of basic R.O.T.C. the sophomores may elect to carry on with the advanced program. The completion of the advanced course entitles the student to a commission as a second lieutenant in the Army Reserve.

The Society of American Military Engineers chapter at Rose is very active in the school's social life and sponsors one of the main social events of the year, the Military Ball. It also sponsors many trips, such as to the Nike Missile Installation at Chicago and Wright Patterson A.F.B. in Dayton, and weekly military films for instruction and enjoyment of the students.

Until this year the Rose Rifles, a precision drill team, has been directly affiliated with the R.O.T.C. program. This year it was created a separate organization, open to all students. Each year this group participates in several competitive events and provides entertainment for the students and local area residents by performing at football games and military reviews.



FRED M. WALKER

Professor of Military Science and Head of the Department; B.S., Michigan College of Mining and Technology; M.S., Stanford University; Tau Beta Pi; Blue Key; Theta Tau; Lieutenant Colonel, U.S. Army.



HARRISON S. SMITH

Assistant Professor of Military Science; B.S., The Citadel; M.E., Texas A&M; Major, U.S. Army.



HOMER AMBROSE, JR.

Assistant Professor of Military Science; B.S., Virginia Military Institute; M.S., Iowa State College; Captain, U.S. Army.



KENT C. KELLEY

Assistant Professor of Military Science; B.S., University of Nebraska; B.S., Missouri School of Mines; Delta Sigma Phi; Captain, U.S. Army.

Cadet Hirt shows the M4T6 floating bridge model to a very interested audience.



CARSON W. BENNETT

Librarian; B.A., Butler University; B.S. in L.S., George Peabody College; M.A., Indiana State Teachers College; Sigma Nu.



WINIFRED I. KITAOKA

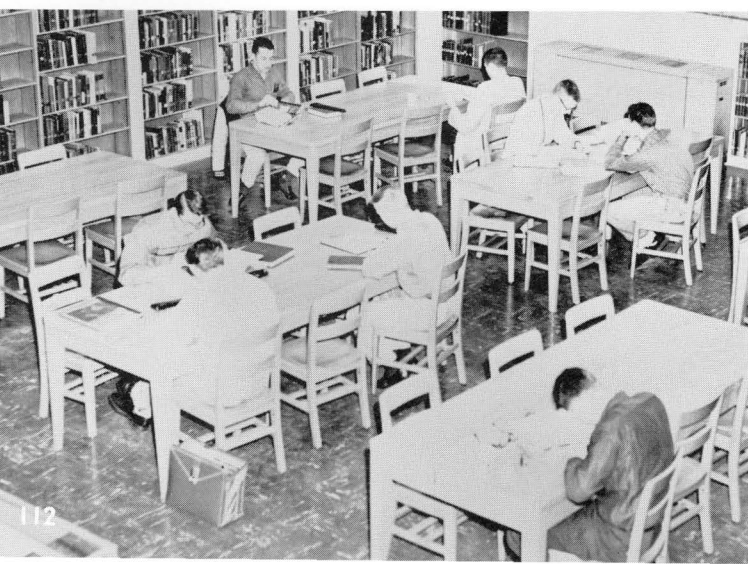
Assistant to the Director of the Library; B.S., Indiana State Teachers College; Alpha Beta Alpha.



Jack Munro picks out a magazine to read between classes.

LIBRARY

Much studying is done in the quiet of the library.



One of the greatest assets of Rose is the library. It serves as a quiet, well-lit study room for students twelve hours a day, and it offers a widely varied selection of periodicals for further education and enjoyment.

At this time the library has 21,400 bound volumes and is increasing this number by about 1,300 books every year. Fields not directly related to the college, such as astronomy, biology, and religion, are covered by library resources. Another well-stocked portion is the fiction section. There are over 1,500 fiction books varying from *Earthworms through the Ages* to *Sands of Mars*.

For enjoyment, there is also a collection of over 240 records, both popular and classical, and many magazines of general interest; for research, there are more than two decades of back issues of leading scientific and engineering journals, and many technical volumes.

Thanks to Carson W. Bennett, Librarian, and Mrs. Winifred Kitaoka, Assistant Librarian, the library will undoubtedly continue to serve well the ever-growing needs of the student body.



JOHN L. BLOXSOME

Assistant to the President for Planning and Development. A.B., De-Pauw University; A.M., University of Chicago; Delta Upsilon.



PAUL B. HEADDY

Director of Admissions and Placement. A.B., Ball State Teachers College; Phi Delta Kappa.



REVEREND LEROY BROWN

Institute Chaplain; B.A., Williams; M.A., Harvard; B.D., Union Theological Seminary; Phi Beta Kappa; Phi Gamma Delta.

ADMINISTRATION



J. G. LEE

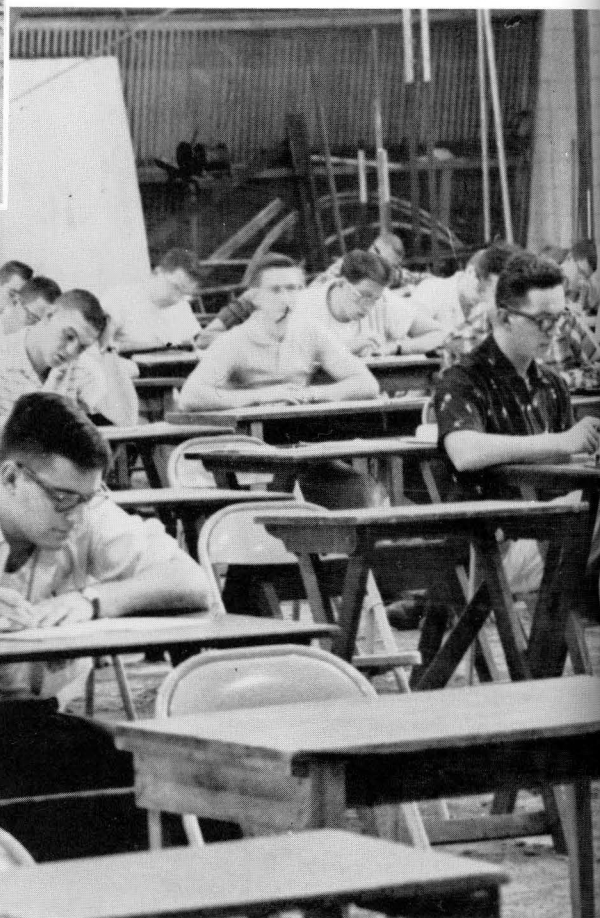
Registrar; B.S., Rose Polytechnic Institute; Tau Beta Pi.

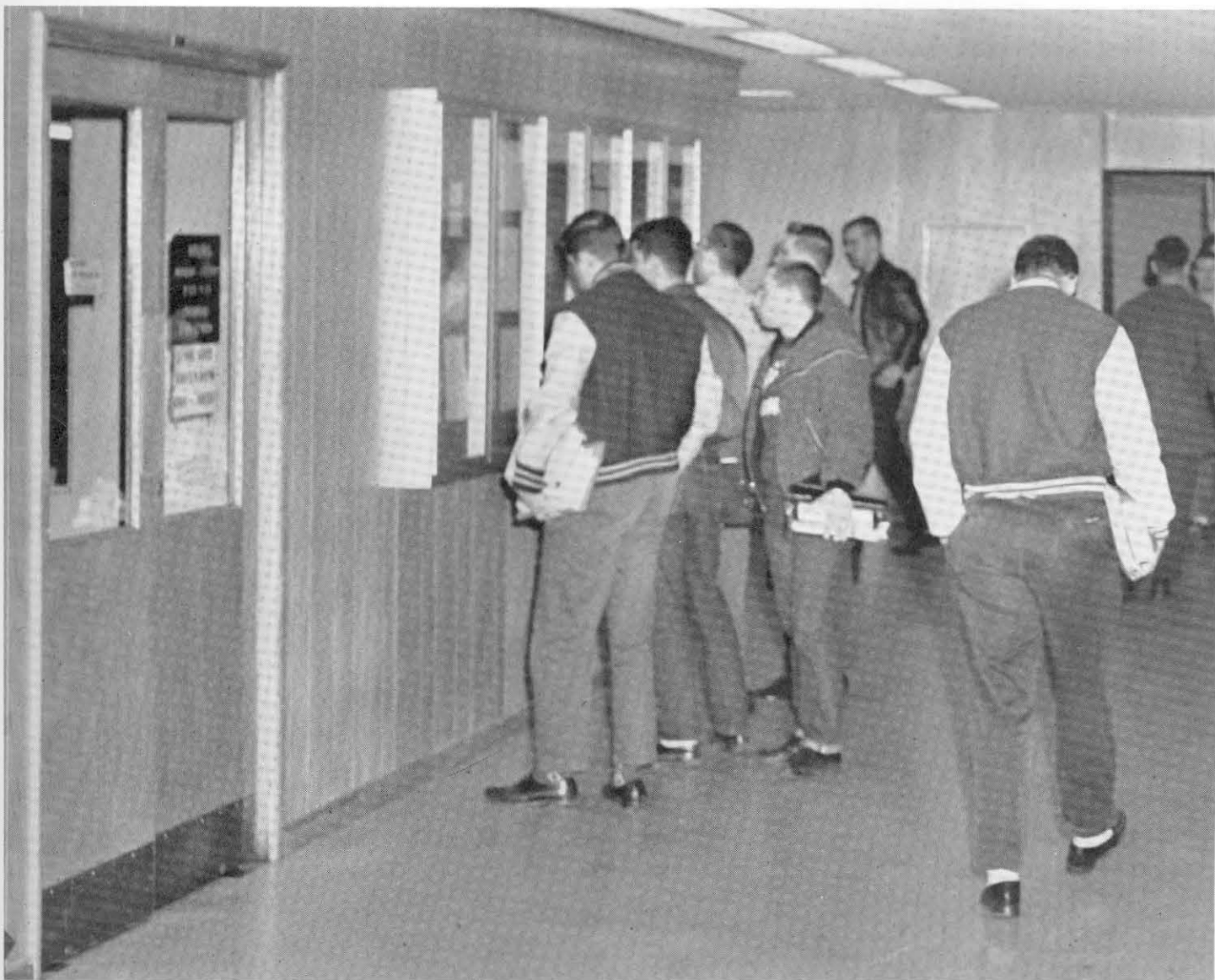
STANDING: Miss Margaret Koenig; Mrs. Margaret Gillaspay; Mrs. Mary Dunlap; Mrs. Mary Collier; Mrs. Gladys Seltzer; and Miss Margaret Leusing. SEATED: Mrs. Pauline Griffith; Mrs. Jacqueline Ridding; and Mrs. Jayne Freeland.



GEORGE MOENCH

Bursar

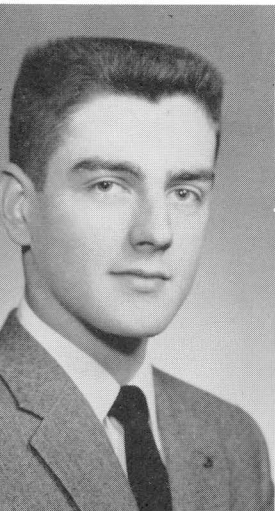




CLASSES

Many men have gone through Rose in the past and many will do so in the future. The men in these pages, as those in the past, cut classes, cram for tests, and write up last minute lab reports. With all this each man hopes to accomplish the same thing—graduation from Rose Poly.

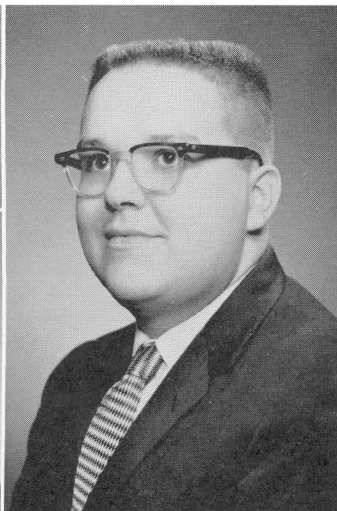
SENIORS



ROBERT PERRY AMOS, E.E.

Shelbyville, Indiana

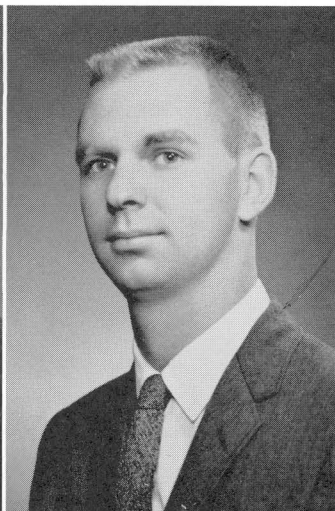
Lambda Chi Alpha; A.I.E.E.; Glee Club; Rifle Club; Class Honors, Fr.



RUSSELL E. ARCHER, JR., Math.

Terre Haute, Indiana

Blue Key; Tau Beta Pi, President; Lambda Chi Alpha; Student Council, Financial Secretary; Math Club, President, Vice-President; Class Honors, Fr., Soph., Jr.; Honor Man.



EDWARD F. AYERS, JR., M.E.

Mooreville, Indiana

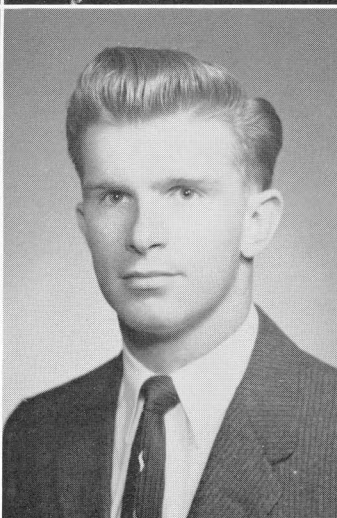
Alpha Tau Omega; A.S.M.E.; MODULUS, Copy Editor, Copy Staff; Glee Club; Campus Club.



PHILLIPS BALLANTYNE, E.E.

Indianapolis, Indiana

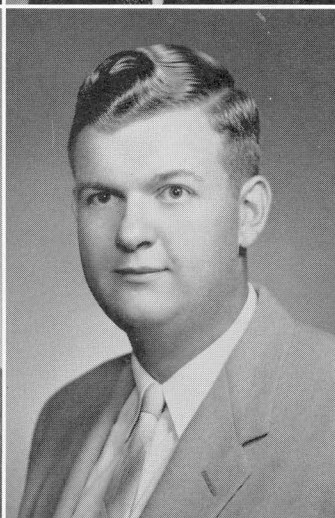
Lambda Chi Alpha; I.R.E., Treasurer; R-Men; Track Manager.



DONALD E. BARNETT, M.E.

Greenup, Illinois

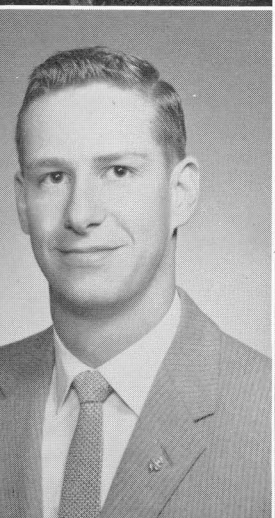
Sigma Nu; A.S.M.E.; TECHNIC, Contributing Staff; Glee Club; Rifle Team.



JAMES A. BECK, C.E.

Paris, Illinois

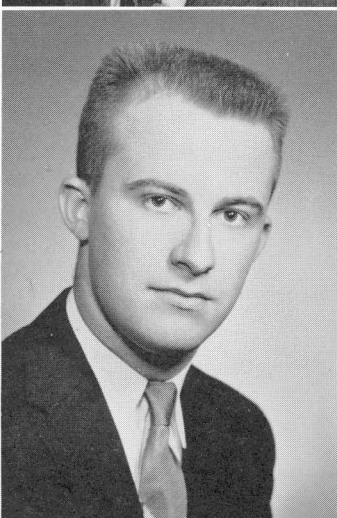
A.S.C.E.; Campus Club, Executive Council.



TOMMY J. BEDWELL, M.E.

Lyons, Indiana

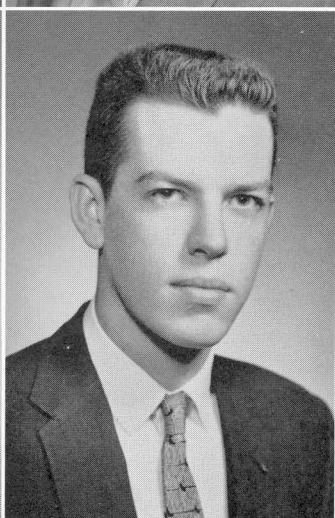
Lambda Chi Alpha; A.S.M.E.; Explorer; Campus Club.



JOHN U. BOTT, M.E.

New Albany, Indiana

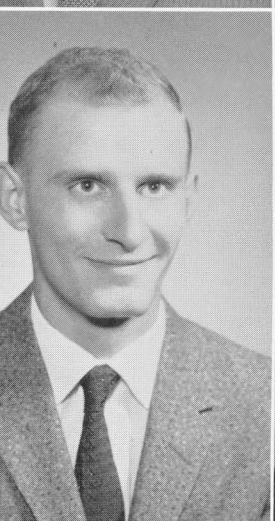
Theta Xi; A.S.M.E.; Rifle Club; Rifle Team.



DAVID E. BURNS, Ch.E.

Staunton, Indiana

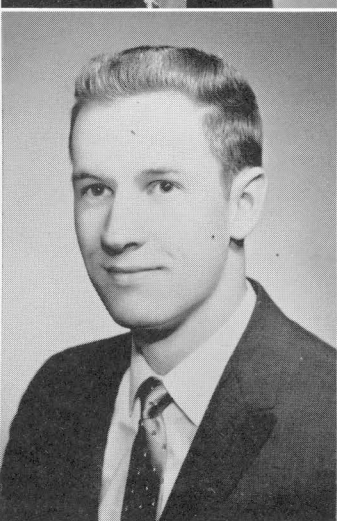
Alpha Tau Omega; A.I.Ch.E.; MODULUS, Layout Staff; Glee Club.



STEPHEN D. BURTON, Math

Fairmont, Indiana

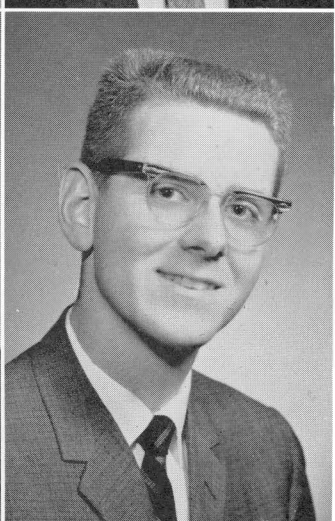
Lambda Chi Alpha, Treasurer; Math Club, President, Vice-President; Class Honors, Fr.



LAWRENCE R. CARTER, C.E.

Pittsboro, Indiana

Sigma Nu, Treasurer; A.S.C.E., Recorder; MODULUS, Sales Staff; TECHNIC, Feature Staff; Campus Club; Glee Club, Business Manager; Honor Man.



WILLIAM A. CARTER, JR., Ch.E.

Gary, Indiana

Blue Key, Publicity Director; Alpha Tau Omega; A.I.Ch.E., Secretary; Freshman Class President; Student Council, Secretary; MODULUS, Editor, Managing Editor, Copy Editor, Copy Staff; Handbook, Editor; Campus Club; Radio Club; Class Honors, Fr.; Honor Man.

SENIORS

ROBERT J. CHECKLEY, Physics

Mattoon, Illinois

Tau Beta Pi, Recording Secretary; Lambda Chi Alpha, President, Secretary; Interfraternity Council; TECHNIC, Contributing Staff; Football; Class Honors, Fr., Soph., Jr.; Honor Man.

RAYMOND DALE CLARK, Ch.E.

Terre Haute, Indiana

Tau Beta Pi, Vice-President; A.I.Ch.E., Vice-President; TECHNIC, Contributing Staff; Glee Club, Business Manager; Chemistry Club; Class Honors, Fr., Soph., Jr.; Honor Man.

MICHAEL L. CLAYTON, Ch.E.

Vincennes, Indiana

Tau Beta Pi; Theta Xi; A.C.S.; A.I.Ch.E.; MODULUS, Sales Staff; Camera Club; Class Honors, Fr., Soph.

JAMES H. COFFENBERRY, JR., Math

Terre Haute, Indiana

Lambda Chi Alpha; Math Club, Secretary-Treasurer; Class Honors, Fr.

LARRY K. CUNNINGHAM, C.E.

Fort Branch, Indiana

Theta Xi; A.S.C.E.; S.A.M.E., Vice-President; MODULUS, Sports Staff; TECHNIC, Circulation Staff; Student Council; Campus Club; Basketball.

WILBUR L. DECKER, Physics

Brazil, Indiana

Sigma Nu.

DON L. DEKKER, M.E.

West Lafayette, Indiana

Blue Key; Tau Beta Pi, Corresponding Secretary; Lambda Chi Alpha; A.S.M.E.; Freshman Class Vice-President; Explorer, Co-Editor, Head Reporter; Campus Club, Secretary; R-Men; Basketball, Co-Captain; Baseball; Football; Class Honors, Fr., Soph., Jr.; Honor Man.

WILLIAM R. FENOGLIO, M.E.

Terre Haute, Indiana

Blue Key; Lambda Chi Alpha; A.S.M.E., President; Explorer, Co-Editor, Head Reporter; R-Men; Baseball, Co-Captain; Class Honors, Fr., Soph.; Honor Man.

FRANK T. FEUTZ, Math

Paris, Illinois

Lambda Chi Alpha, Vice-President; MODULUS, Advertising Staff; TECHNIC, Advertising Staff; Explorer; Pep Band; Honor Man.

ROBERT E. FRANZWA, M.E.

Terre Haute, Indiana

Alpha Tau Omega; A.S.M.E.; MODULUS, Copy Staff; TECHNIC, Feature Staff.

JAMES W. FUNK, M.E.

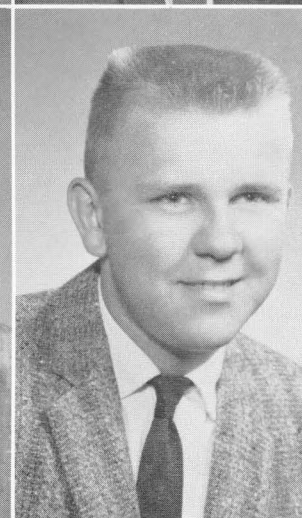
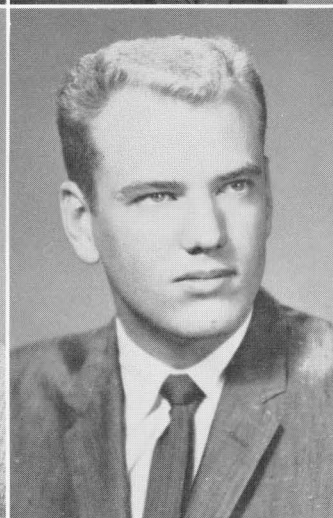
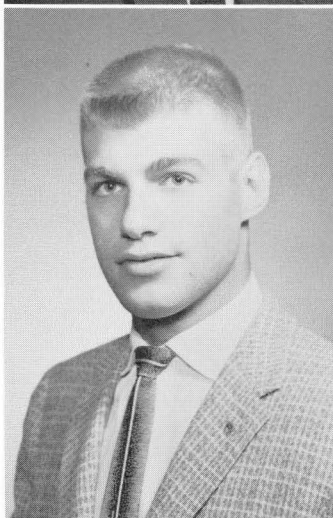
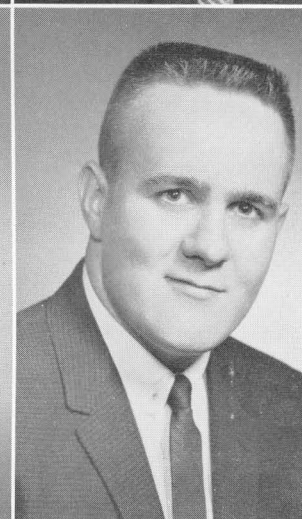
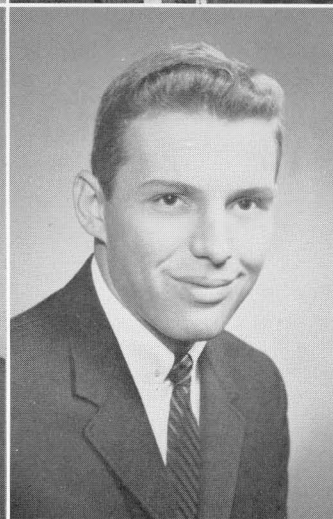
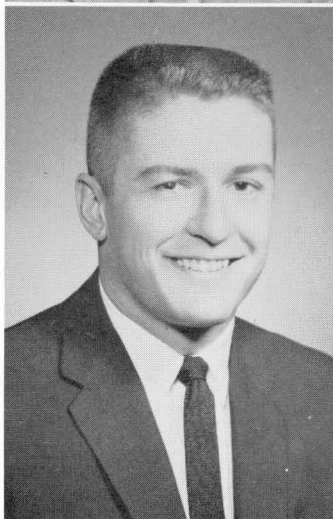
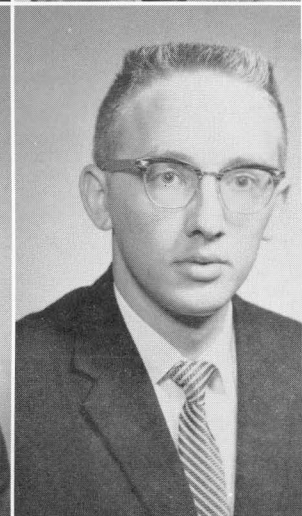
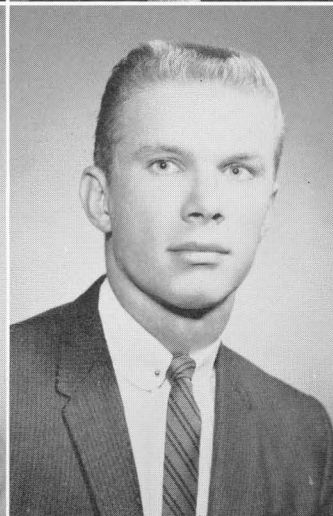
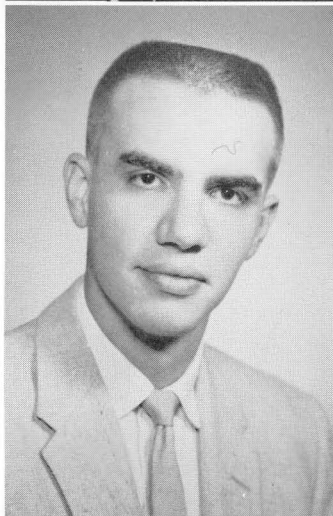
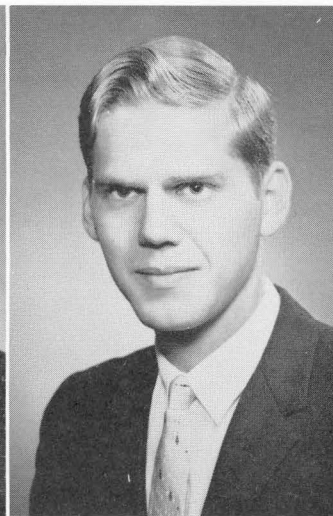
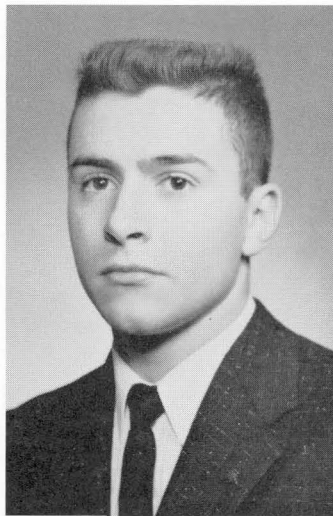
Terre Haute, Indiana

Blue Key; Tau Beta Pi; Lambda Chi Alpha; A.S.M.E.; TECHNIC, Co-Editor, Assistant Editor, Contributing Staff; Explorer, Co-Editor; Student Council, President; Class Honors, Fr., Soph., Jr.

THOMAS R. GALLATIN, M.E.

Martinsville, Illinois

Sigma Nu; A.S.M.E., Vice-President; Student Council.



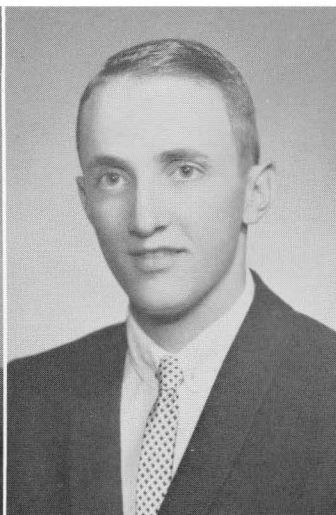
SENIORS



MARSHALL D. GARINO, E.E.

Clinton, Indiana

Blue Key, Corresponding Secretary; Alpha Tau Omega; A.I.E.E.; S.A.M.E.; MODULUS, Sales Staff, Sales Editor, Layout Staff, Layout Editor; TECHNIC, Business Staff, Business Manager, Student Advisor; Campus Club; Rose Rifles; Honor Man.



JAMES KENNETH GATES, Math

Harrisburg, Illinois

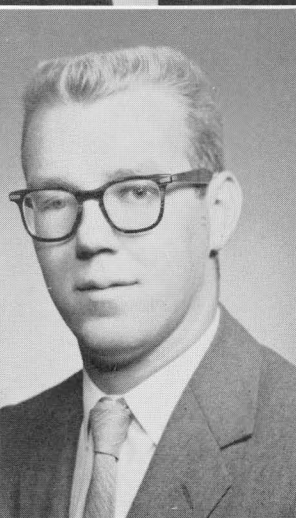
Tau Beta Pi; Lambda Chi Alpha, Treasurer; TECHNIC, Contributor, Feature Staff Editor; Math Club, President; Class Honors, Fr., Jr.



CHARLES GILBERT, E.E.

Mattoon, Illinois

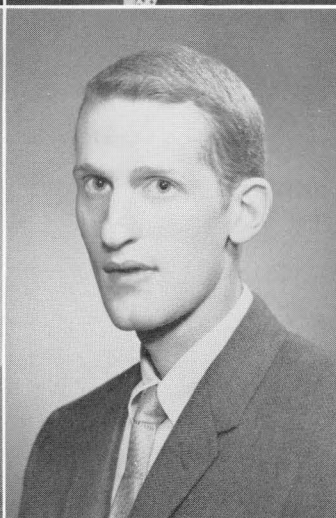
Sigma Nu; A.I.E.E.; R-Men; Rifle Club, Vice-President; Baseball; Football; Rifle Team; Honor Man.



JOHN HOUSTON GILMOUR, JR., E.E.

Clinton, Indiana

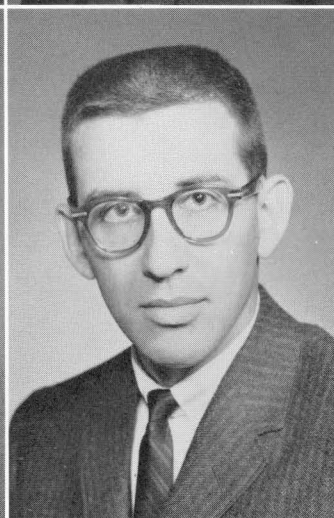
I.R.E.; MODULUS, Sales Staff; Swing Band; Class Honors, Jr.



HERBERT JOSEPH GLADDEN, M.E.

Indianapolis, Indiana

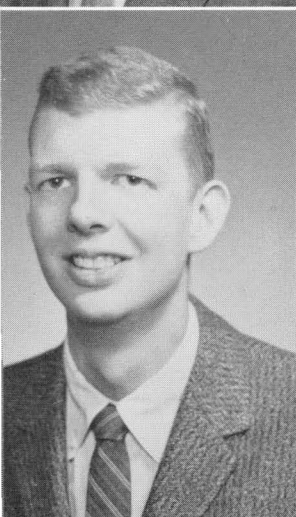
Lambda Chi Alpha; A.S.M.E.; MODULUS, Sales Staff; R-Men; Basketball; Track; Honor Man.



JAMES W. GODWIN, JR., C.E.

Terre Haute, Indiana

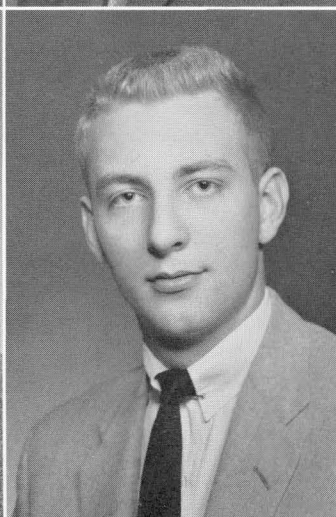
Blue Key; Alpha Tau Omega, Secretary; Student Council; MODULUS, Layout Staff; TECHNIC, Circulation Staff; R-Men; Baseball; Football; Honor Man.



WARREN K. GRIFFITH, Ch.E.

Racine, Wisconsin

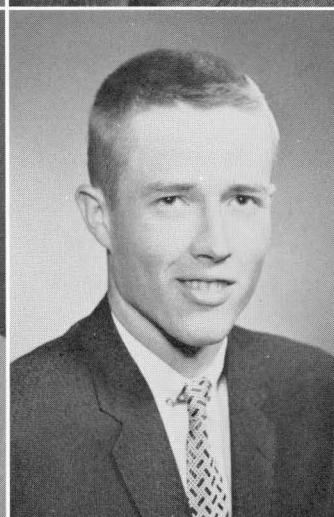
Lambda Chi Alpha; A.I.Ch.E., Treasurer; S.A.M.E., Secretary, Treasurer, President; Explorer; Campus Club; Class Honors, Fr.



VERNON R. GROSS, E.E.

Olney, Illinois

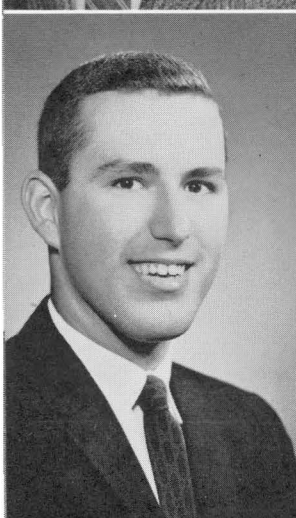
Theta Xi, President, Vice-President; A.I.E.E., Chairman; S.A.M.E.; Interfraternity Council, Secretary-Treasurer; Campus Club; Glee Club; R-Men; Basketball.



LAWRENCE L. HARTLEY, Math

Hanover, Indiana

Tau Beta Pi; Lambda Chi Alpha; Class Honors, Fr., Soph., Jr.



JERRY D. HEINIGER, E.E.

Kankakee, Illinois

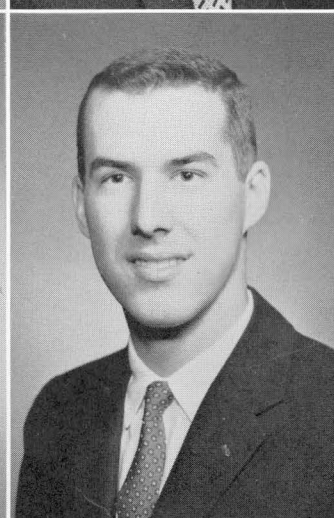
Alpha Tau Omega; A.I.E.E.; Student Council; MODULUS, Advertising Staff; Glee Club; R-Men; Baseball; Class Honors, Fr.



JOHN HENKE, M.E.

Jasper, Indiana

Theta Xi; A.S.M.E.



DONALD SCOTT HERRIN, C.E.

Indianapolis, Indiana

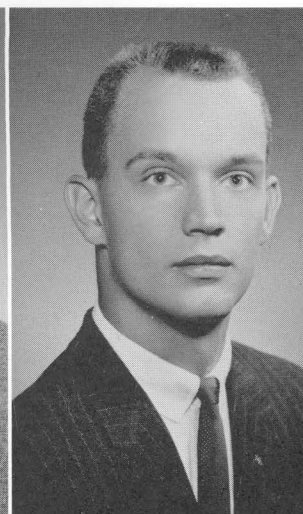
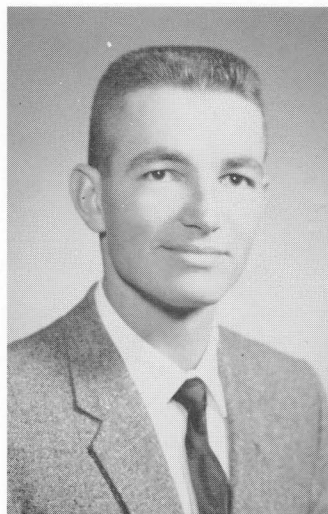
Alpha Tau Omega; A.S.C.E.; MODULUS, Advertising Staff; Campus Club; R-Men; Baseball, Manager; Basketball, Manager.

SENIORS

RONALD E. HIGGINBOTHAM, Math
Marshall, Illinois
Sigma Nu; Explorer, Photographer; Camera Club;
Class Honors, Jr.

MEADOR HILL, M.E.
Orland Park, Illinois
Sigma Nu; A.S.M.E.; Rifle Club.

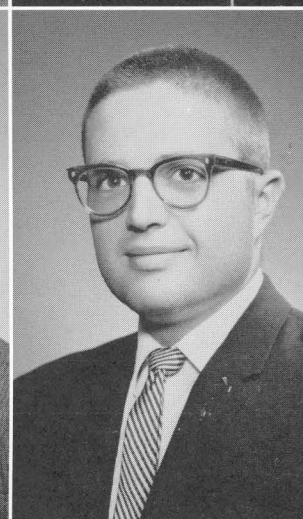
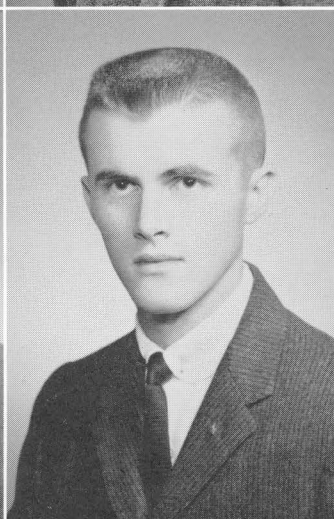
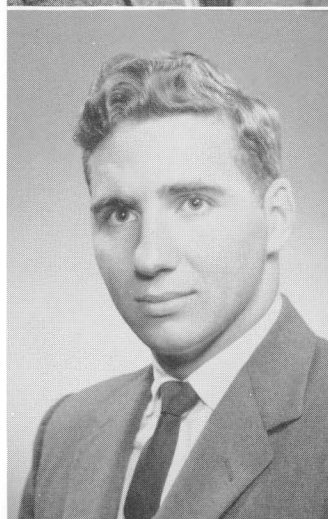
FRANCIS J. HIRT, Math
Evansville, Indiana
Alpha Tau Omega; S.A.M.E.; Freshman Class Treasurer;
MODULUS, Art Editor, Layout Staff; TECHNIC,
Contributing Editor, Contributing Staff, Art Editor; Glee
Club; Honor Man.



THOMAS HORMUTH, C.E.
Evansville, Indiana
Sigma Nu; A.S.C.E.; TECHNIC, Circulation Staff; R-
Men; Football; Honor Man.

GALE K. HURST, E.E.
Paris, Illinois
Tau Beta Pi; Lambda Chi Alpha, Vice-President; I.R.E.;
Interfraternity Council; Explorer, Contributing Staff;
Campus Club; Glee Club; Class Honors, Jr.

RONALD J. IRELAND, Math
Terre Haute, Indiana
Lambda Chi Alpha; Engineer; R-Men; Football; Track;
Class Honors, Soph., Jr.; Honor Man.



ALAN H. JOHNSON, E.E.
Terre Haute, Indiana
Lambda Chi Alpha; Explorer, Reporter.

DANIEL V. KINGERY, JR., E.E.
Brazil, Indiana
Sigma Nu; A.I.E.E.; MODULUS, Advertising Staff;
R-Men; Football.

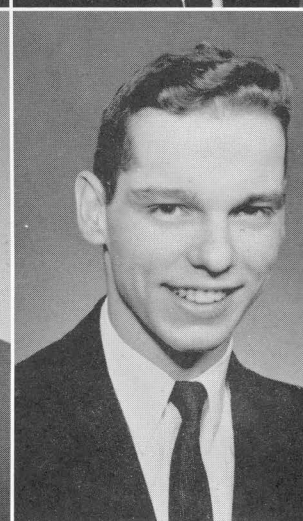
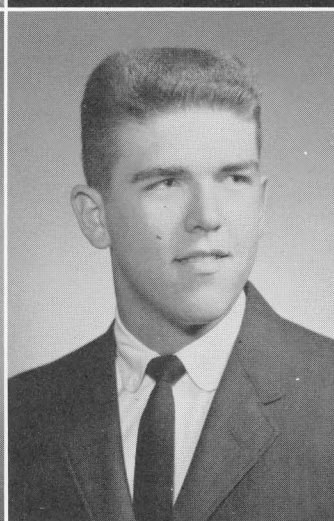
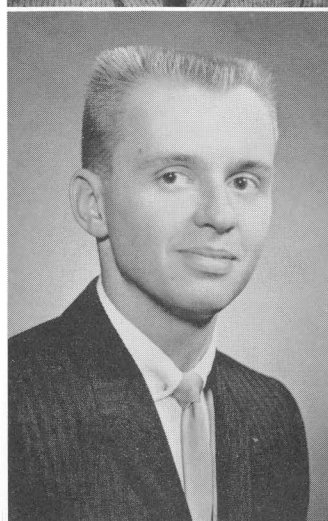
EDWARD J. KOSTRA, M.E.
East Chicago, Indiana
Sigma Nu; A.S.M.E.; TECHNIC, Contributing Staff;
R-Men; Football; Honor Man.



JAMES J. KVASNICA, M.E.
Highland, Indiana
Sigma Nu; A.S.M.E.; Junior Class Vice-President; Class
Honors, Fr.

RICHARD J. LANDENBERGER, M.E.
Olney, Illinois
Sigma Nu; A.S.M.E.; Explorer, Assistant Co-Editor;
Glee Club, President, Secretary; Honor Man.

DONALD RAY LANNING, Ch.E.
Terre Haute, Indiana
Theta Xi, President, Vice-President; A.I.Ch.E., Presi-
dent; S.A.M.E., Secretary; Sophomore Class, Vice-Presi-
dent; Interfraternity Council; R-Men; Baseball, Co-Cap-
tain.



SENIORS



ROBERT A. McCARDLE, M.E.

Aurora, Indiana

Theta Xi; A.S.M.E.; Student Council, Vice-President; Explorer, Head Reporter; Campus Club; R-Men; Track, Captain; Class Honors, Fr.; Honor Man.

ROBERT L. McCLUNG, Math

West Terre Haute, Indiana

Math Club; Class Honors, Fr.

ROBERT D. MICHAEL, E.E.

Bay Village, Ohio

Lambda Chi Alpha; I.R.E.; Camera Club; R-Men; Baseball; Football; Honor Man.

CARL MIHLBACHLER, M.E.

Teutopolis, Illinois

A.S.M.E.

LARRY W. MYERS, E.E.

Hillsboro, Indiana

Lambda Chi Alpha; I.R.E., Secretary; Explorer; Camera Club; R-Men; Baseball; Football; Honor Man.

DONALD A. NIEDRINGHAUS, Ch.E.

Westphalia, Indiana

Tau Beta Pi; Theta Xi; A.I.Ch.E.; Glee Club; Class Honors, Fr., Soph., Jr.

G. GERALD NIKA, Chem.

Martinsville, Illinois

A.C.S.; Campus Club, Vice-President; Chemistry Club.

JOSEPH R. PEJRIL, M.E.

La Grange Park, Illinois

Theta Xi; A.S.M.E.; R-Men; Baseball, Manager.

RICHARD E. PIKE, M.E.

Terre Haute, Indiana

Lambda Chi Alpha; A.S.M.E.; Glee Club; R-Men; Football; Track; Honor Man.

LARRY L. PITT, Ch.E.

Clarksville, Indiana

Theta Xi; A.I.Ch.E.; S.A.M.E.; MODULUS, Sales Staff.

E. DEAN POWELL, Ch.E.

Terre Haute, Indiana

Blue Key; Alpha Tau Omega; A.I.Ch.E.; MODULUS, Editor Sales Staff, Sales Staff; TECHNIC, Circulation Manager.

BILLY D. RANDOLPH, C.E.

Robinson, Illinois

A.S.C.E.; Rifle Club.

SENIORS

D. ALLEN RAQUET, E.E.

Terre Haute, Indiana

Sigma Nu, Secretary; A.I.E.E.; Senior Class Vice-President; R-Men; Football; Honor Man.

JOHN R. RAY, Physics

Greencastle, Indiana

Tau Beta Pi; Lambda Chi Alpha; R-Men; Physics Club, Program Chairman; Basketball, Captain; Track; Class Honors, Fr., Soph., Jr.; Honor Man.

RONALD EARL ROBERTS, M.E.

Terre Haute, Indiana

A.S.M.E., Secretary.

JACK E. SCHREINER, Math

Washington, D.C.

Theta Xi, Treasurer; Math Club; Baseball; Football; Class Honors, Fr.

STEPHEN I. SKERSICK, Ch.E.

Kewanna, Indiana

Lambda Chi Alpha; A.I.Ch.E.; S.A.M.E.; Campus Club; Glee Club; Rose Rifles.

CHARLES W. SMITH, E.E.

Modoc, Indiana

Blue Key, Secretary-Treasurer; Tau Beta Pi, Treasurer; Sigma Nu, President, Vice-President; A.I.E.E., Secretary; Student Council; Interfraternity Council; MODULUS, Business Manager, Advertising Staff Editor, Advertising Staff; Campus Club; Class Honors, Fr., Soph., Jr.; Honor Man.

RONALD L. STAGGS, E.E.

Terre Haute, Indiana

Blue Key, President; Alpha Tau Omega, Vice-President; A.I.E.E.; S.A.M.E., Vice-President; MODULUS, Copy Staff, Sports Staff, Sports Editor; TECHNIC, Editorial Staff, Associate Editor, Assistant Editor, Editor; Engineer, Editor; Basketball; Honor Man.

WILLIAM M. STEELE, C.E.

Terre Haute, Indiana

Alpha Tau Omega; A.S.C.E.; TECHNIC, Circulation Staff; R-Men; Football; Honor Man.

ROBERT B. STEVENS, E.E.

Shaker Heights, Ohio

Lambda Chi Alpha; A.I.E.E.; MODULUS, Advertising Staff; TECHNIC, Circulation Staff; Radio Club, Secretary-Treasurer.

JON E. STILES, M.E.

Shelbyville, Indiana

Blue Key; Tau Beta Pi; Alpha Tau Omega, Treasurer; A.S.M.E.; Student Council; MODULUS, Copy Staff, Sales Staff; TECHNIC, Feature Staff, Business Manager; Campus Club; R-Men; Track; Class Honors, Fr., Soph., Jr.; Honor Man.

JOHN E. TINDALL, Math

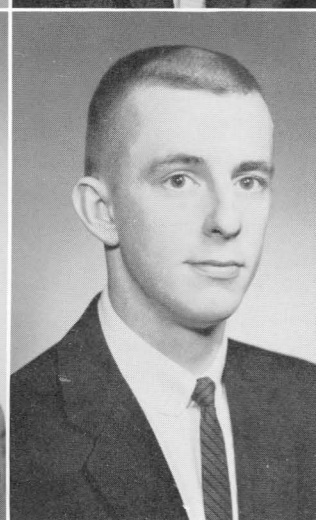
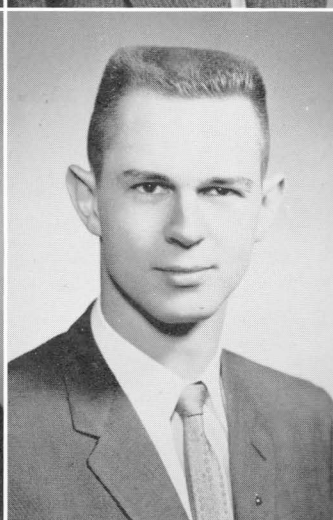
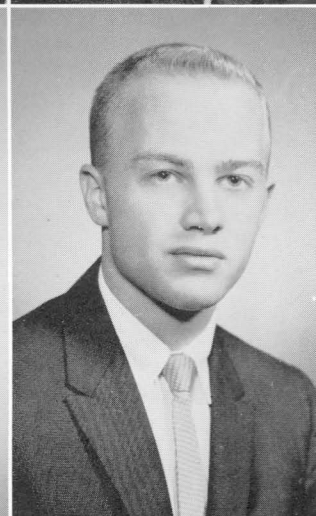
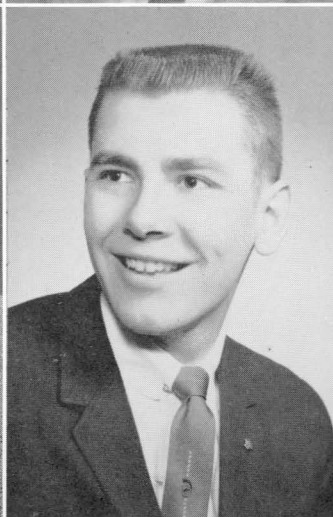
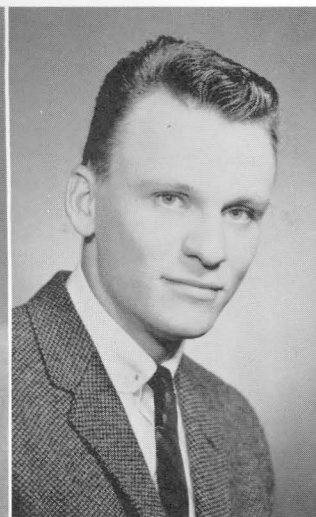
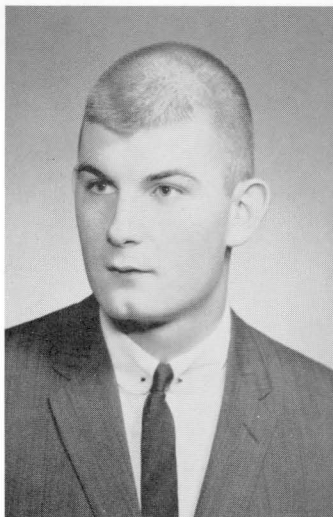
Terre Haute, Indiana

Lambda Chi Alpha; R-Men; Math Club; Basketball; Class Honors, Jr.

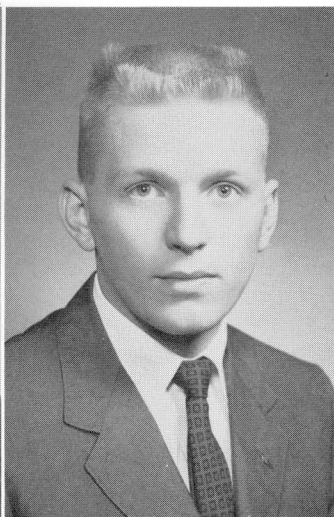
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Shelbyville, Indiana

Blue Key; Alpha Tau Omega, President; A.I.E.E.; Interfraternity Council, President; TECHNIC, Editorial Staff, Assistant Editor, Student Advisor, Co-Editor; Glee Club; Honor Man.



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Sigma Nu; A.S.C.E.; Campus Club.

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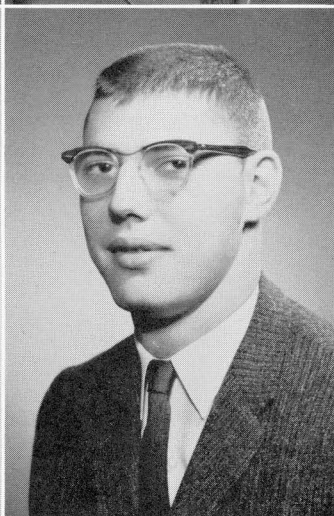
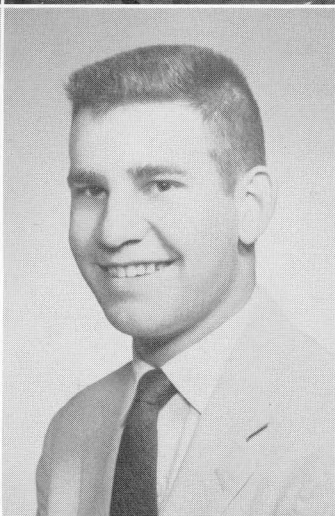
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Alpha Tau Omega.

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Culver, Indiana

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JOHN V. WHITE, Math

Switz City, Indiana

Campus Club; Math Club; Russian Club.

MAX WHITE, E.E.

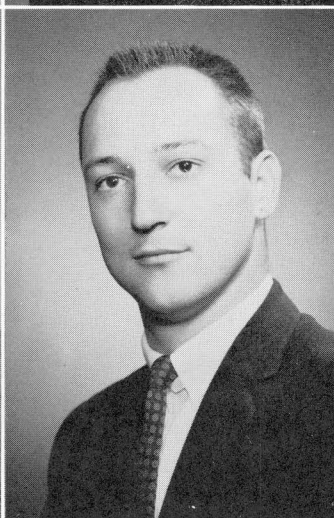
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Alpha Tau Omega; I.R.E.; R-Men; Football; Track.

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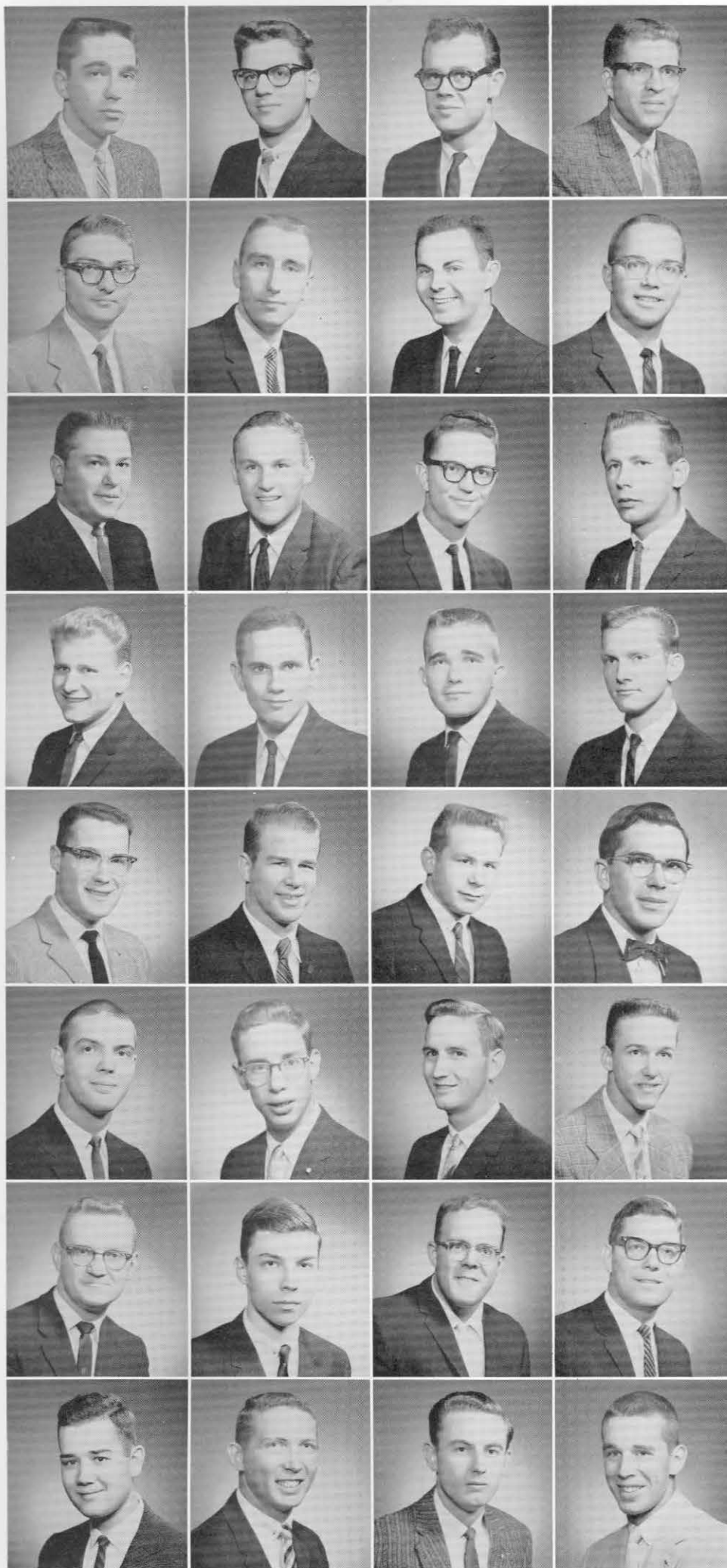
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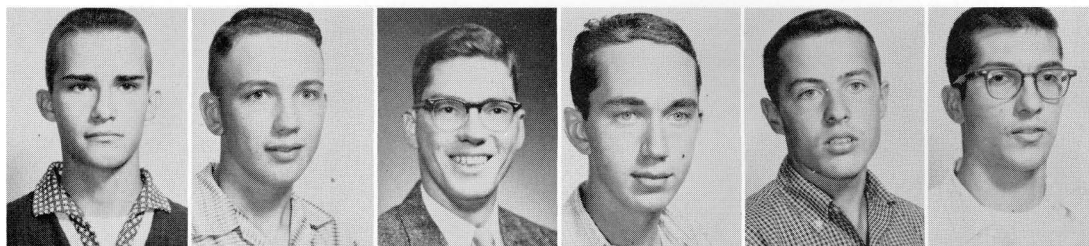
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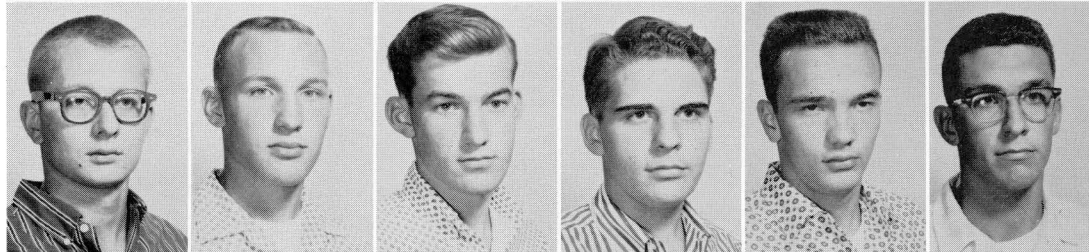
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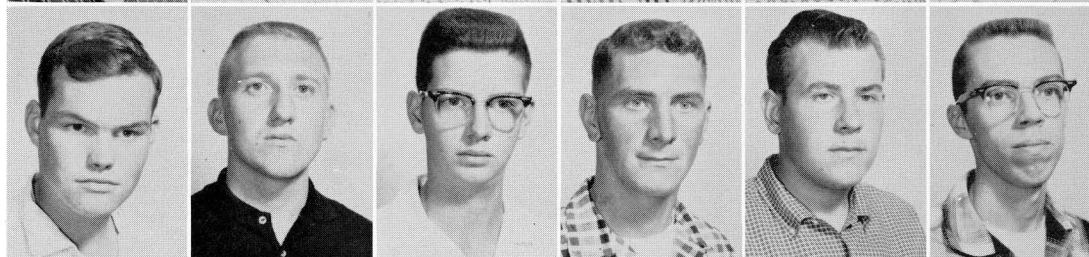
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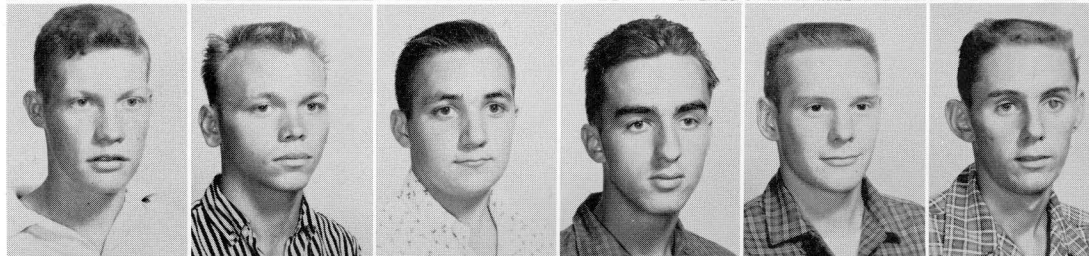
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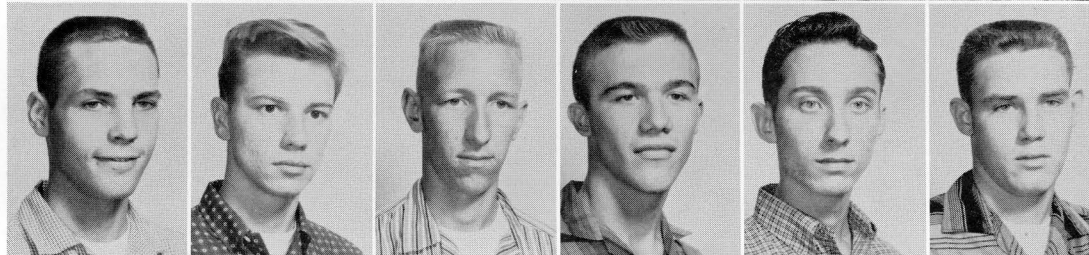
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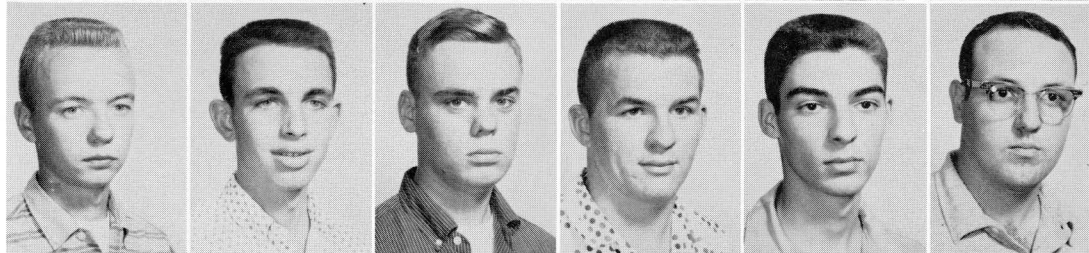
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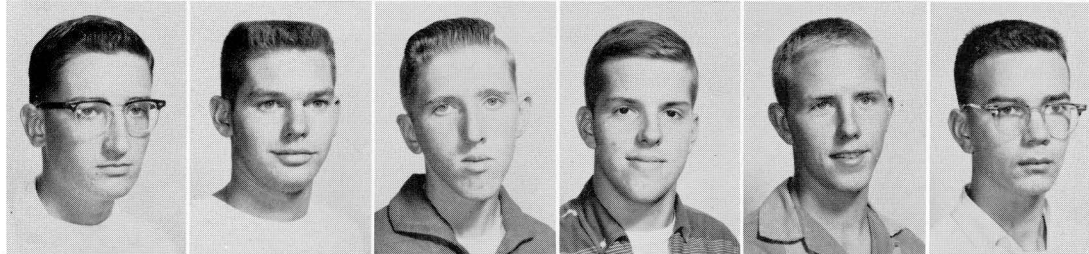
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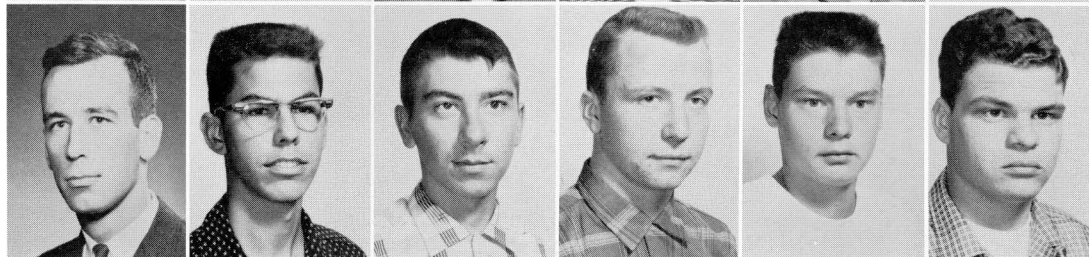
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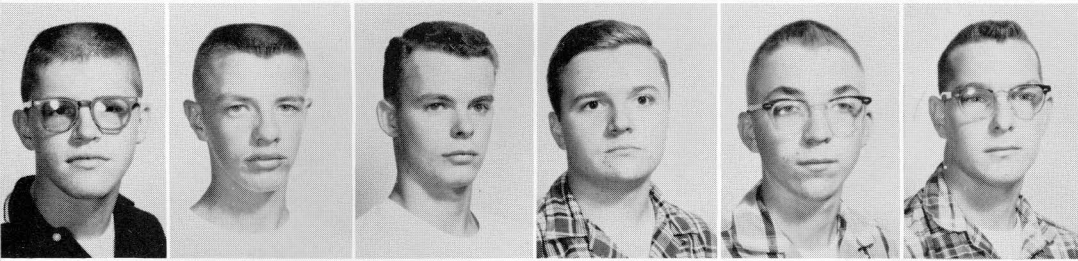
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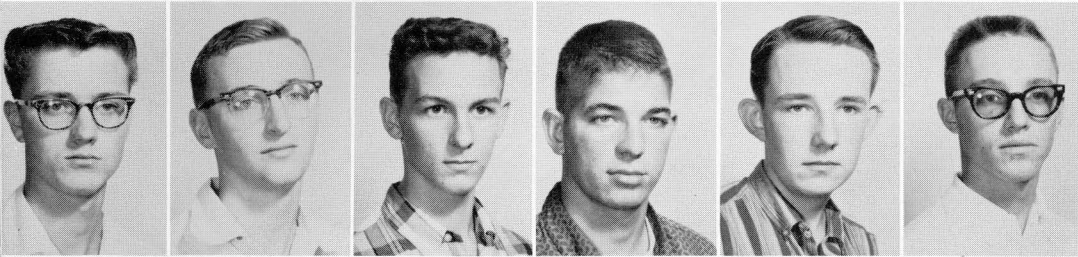
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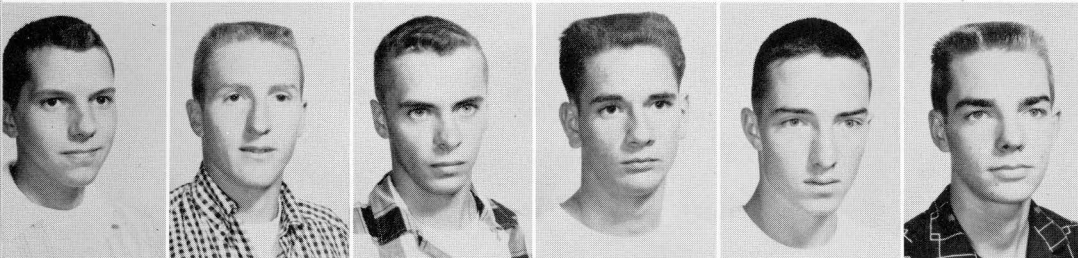
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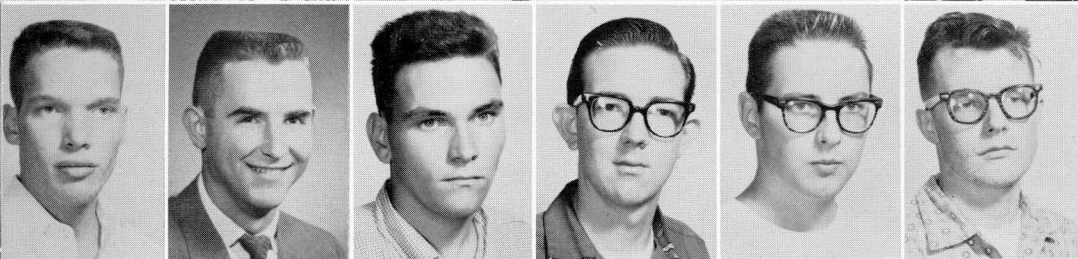
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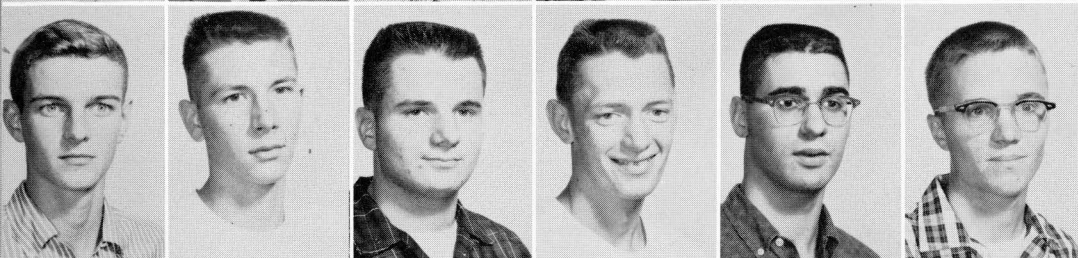
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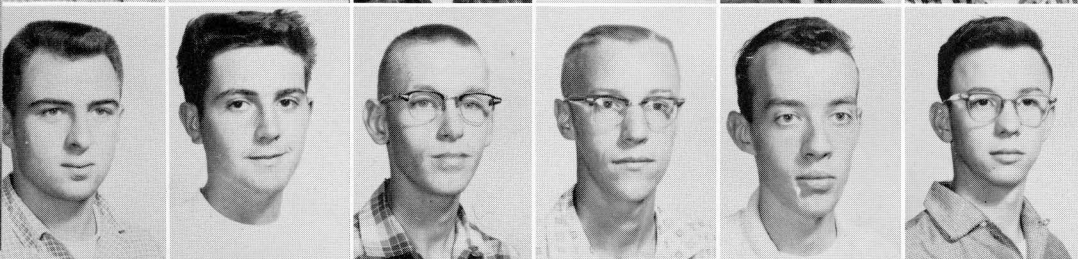
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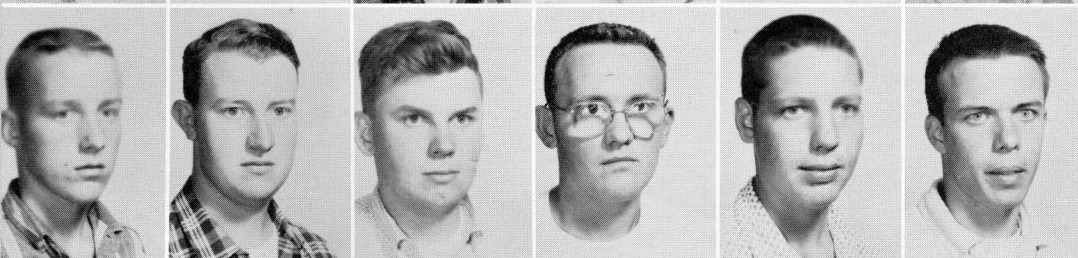
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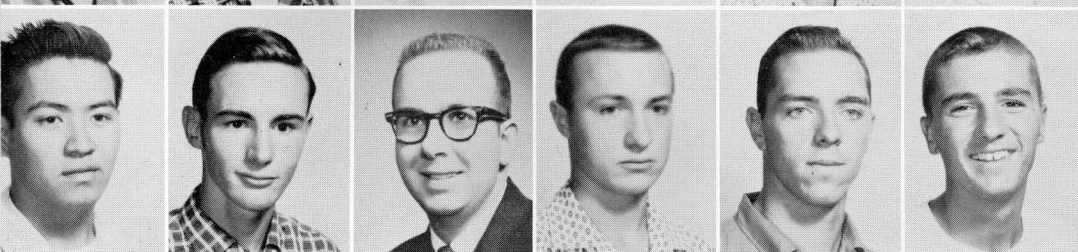
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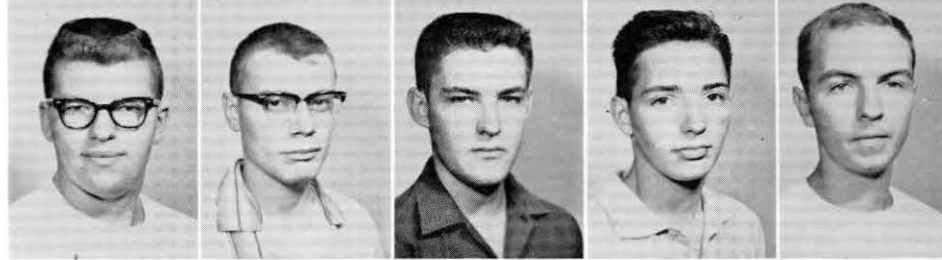
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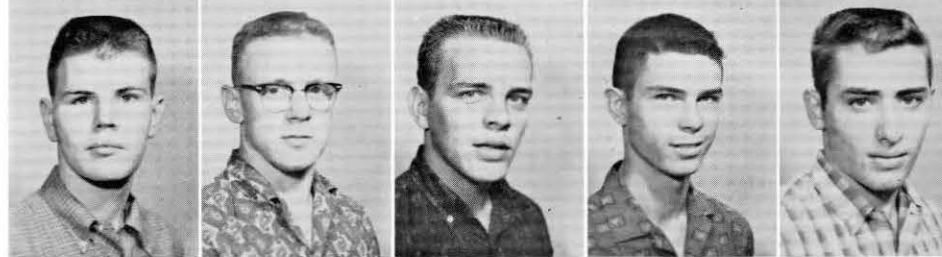
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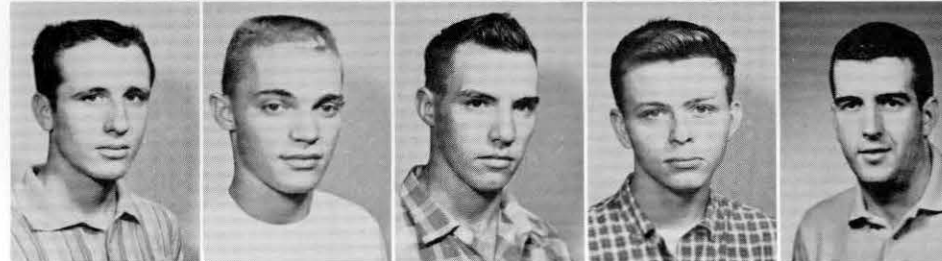
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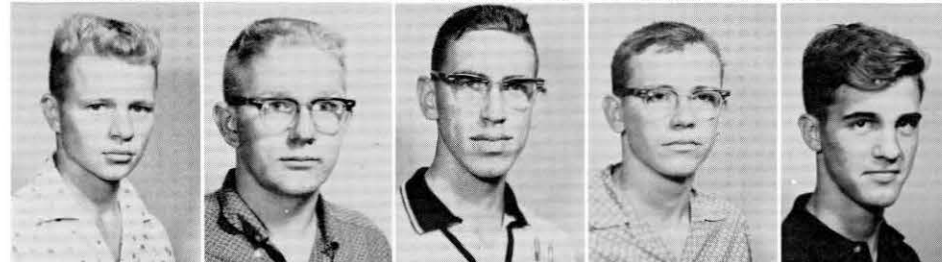
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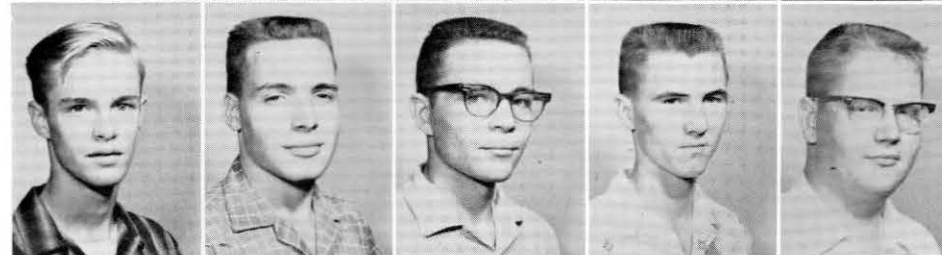
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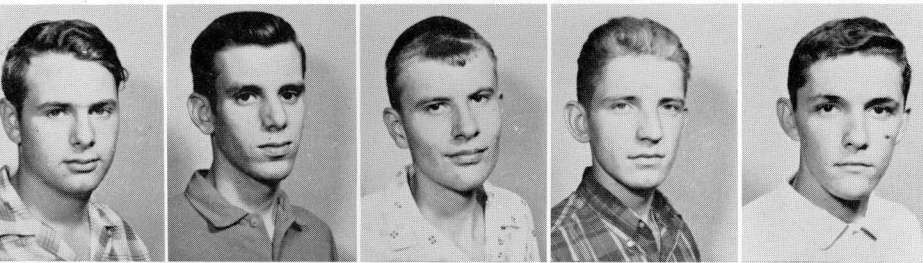
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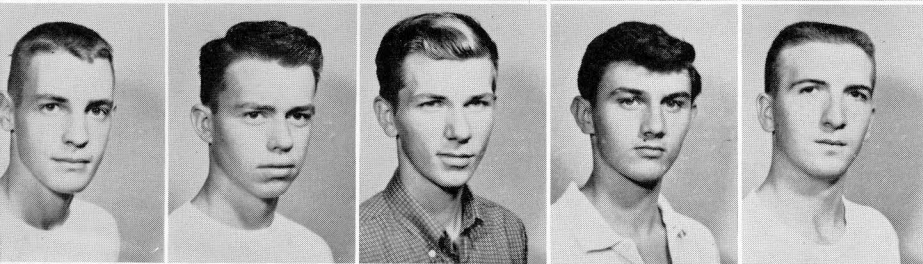
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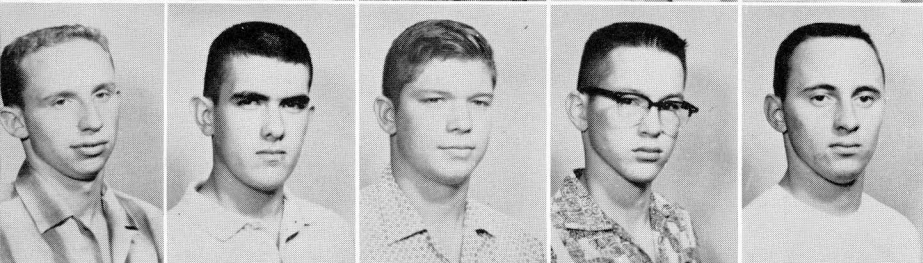
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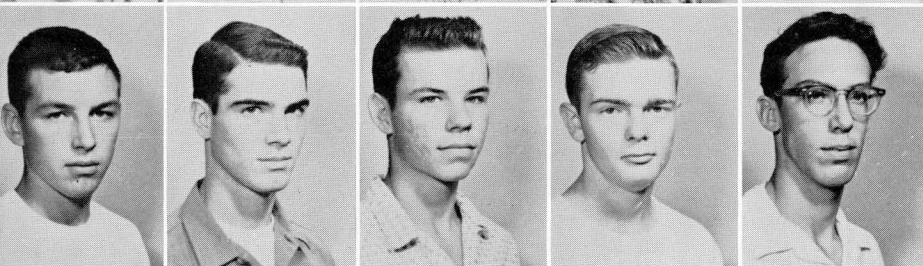
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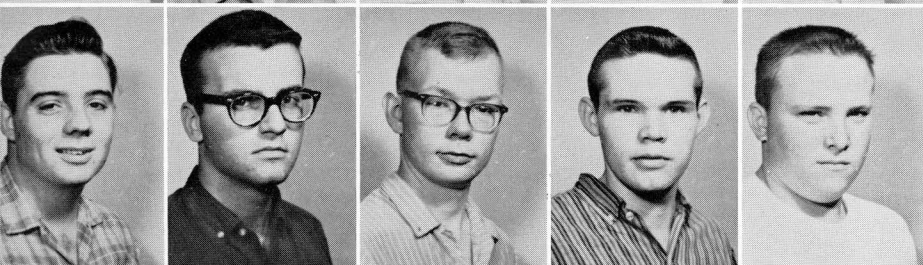
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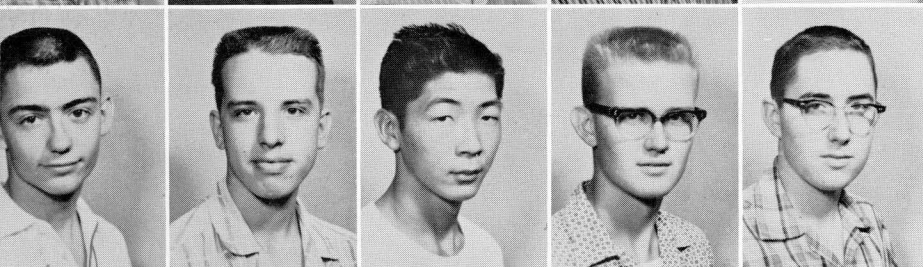
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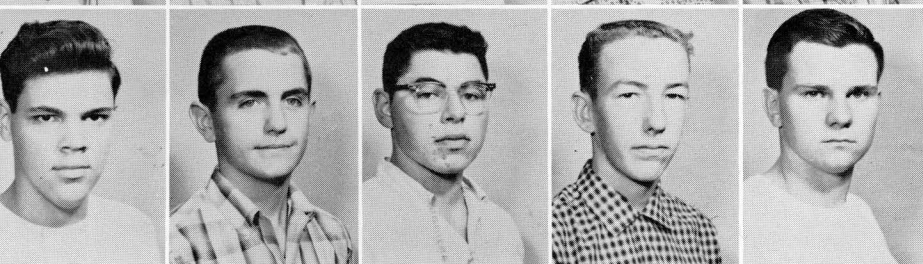
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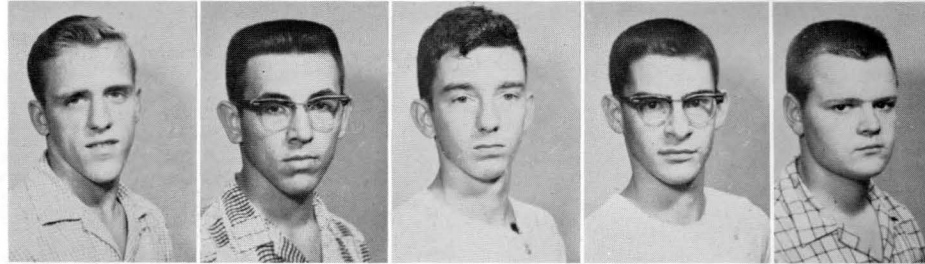
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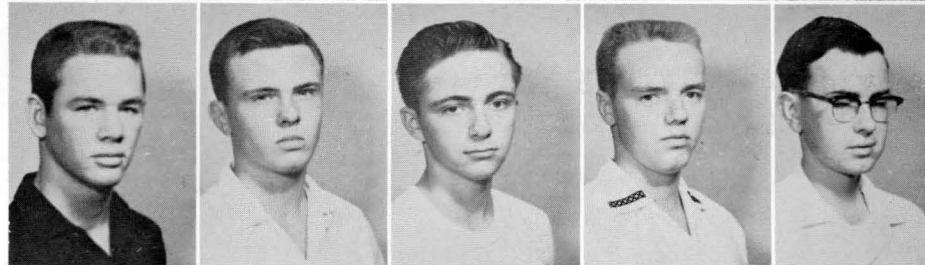
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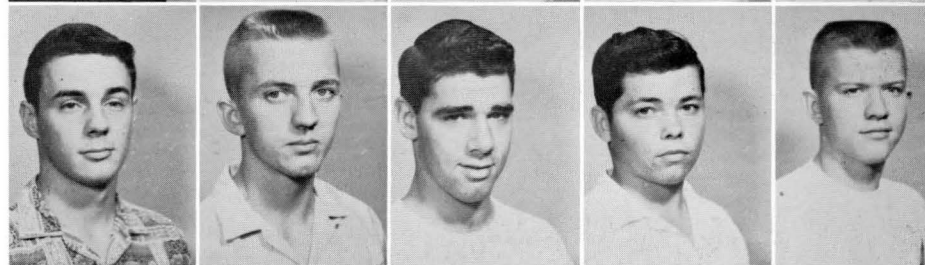
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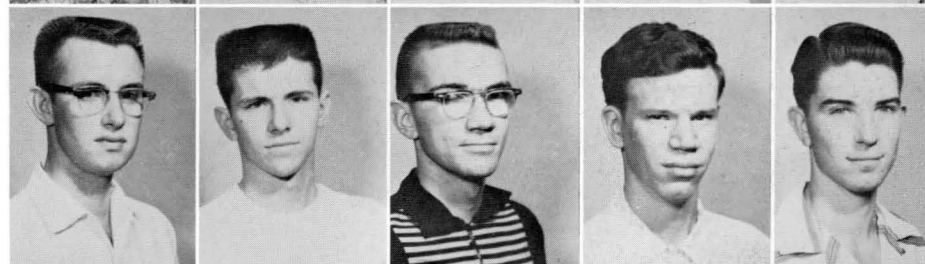
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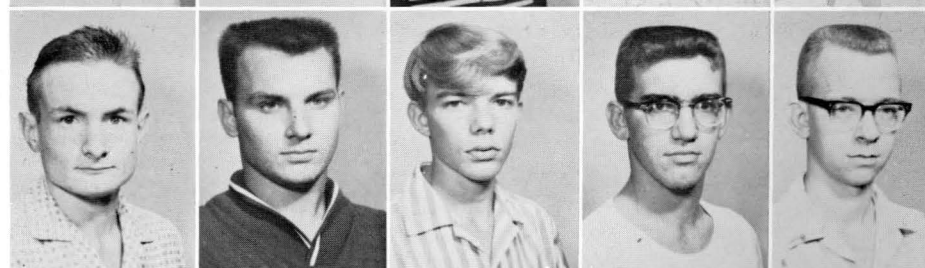
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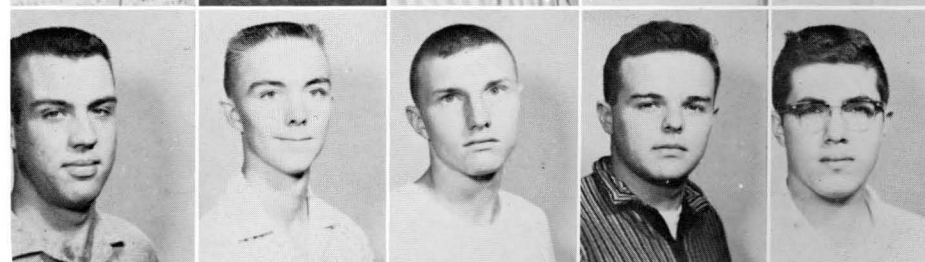
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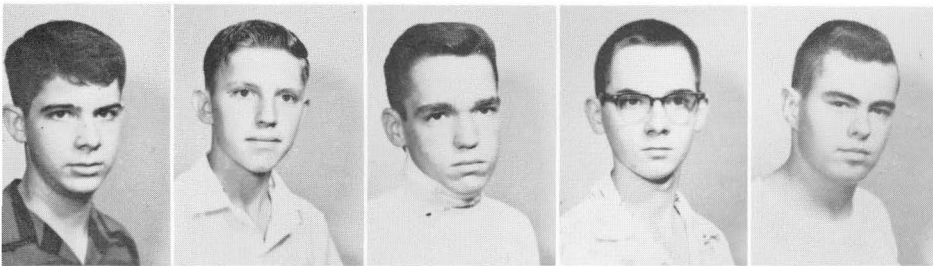
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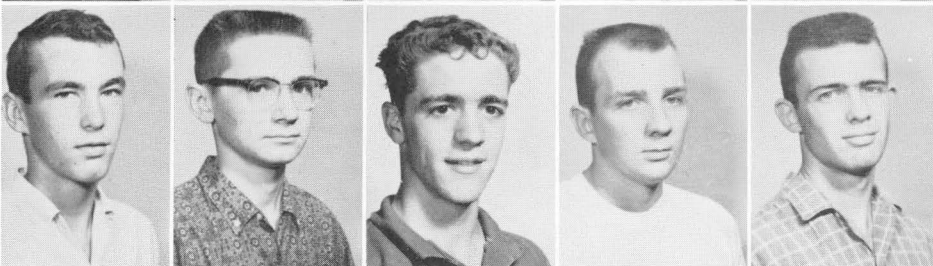
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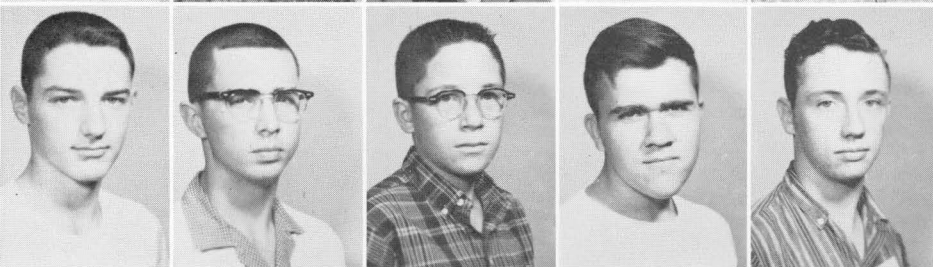
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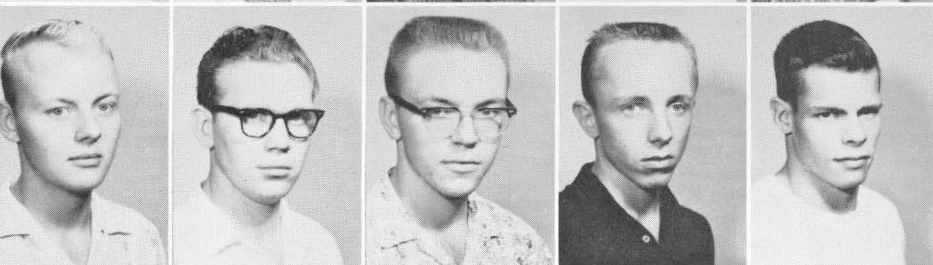
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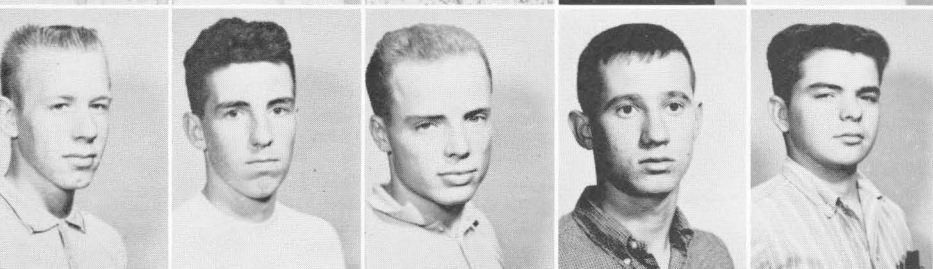
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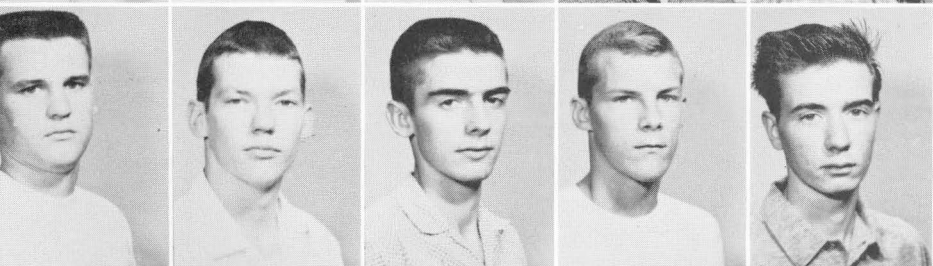
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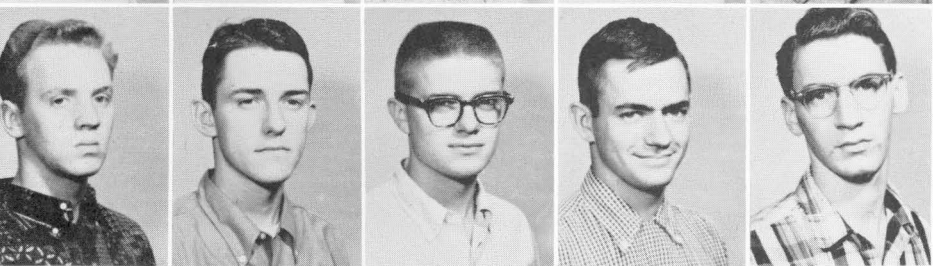
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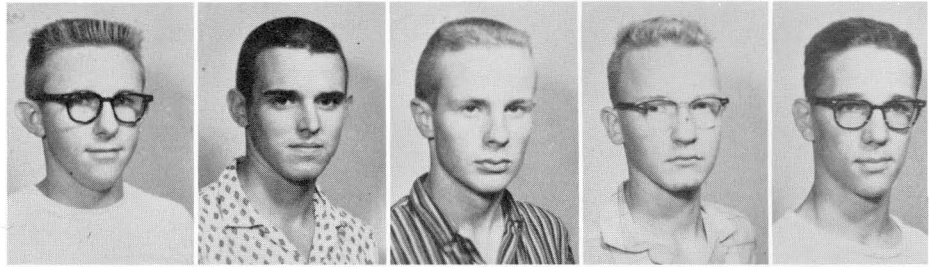
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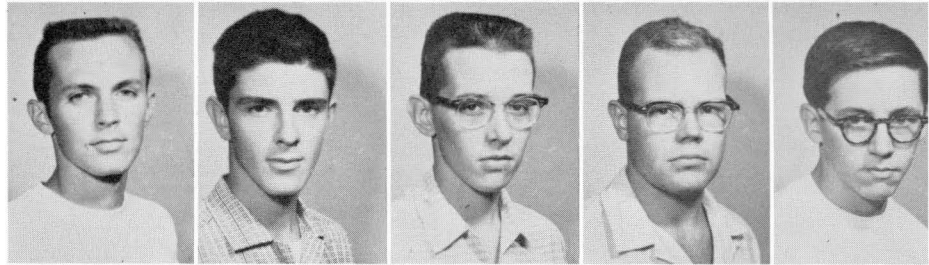
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RONALD L. THOMAS
JOSEPH E. THURSTON
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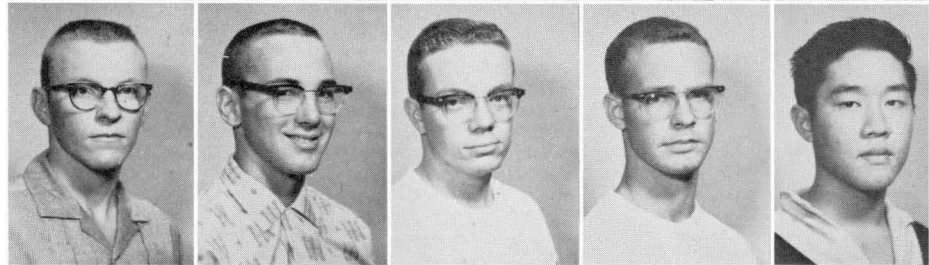
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JOHN T. WALKER
RAYMOND A. WARD
JOHN M. WARNKE
GORDON H. WARSTLER



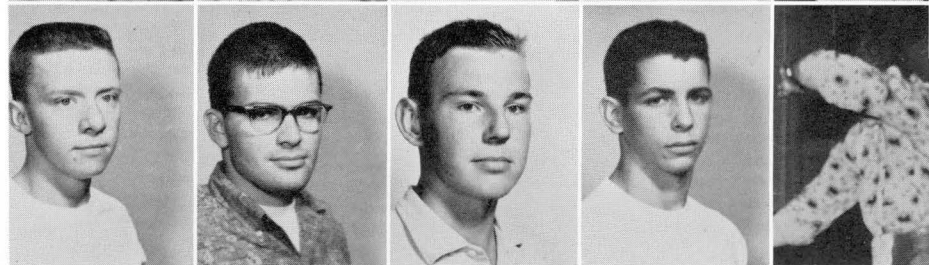
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WILLIAM K. WATSON
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DONALD A. WHITE
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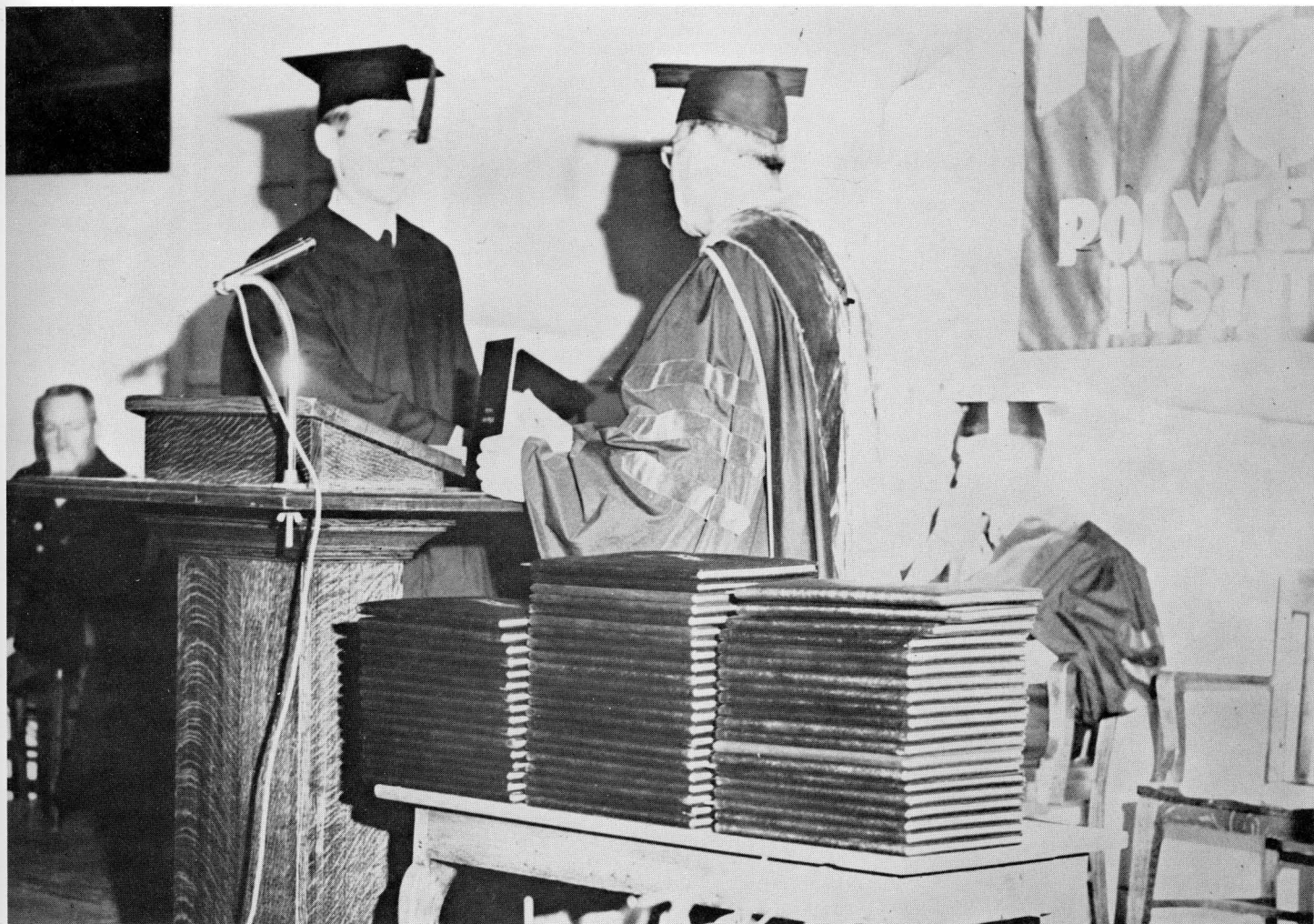
JOE D. WISE
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